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PROFESSIONAL BIOGRAPHY

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EDUCATION AND TRAINING

Date	Institution	Degree	Major
<u>Undergraduate</u>			
1957-61	Queen's University Kingston, Ontario	B.A. Honours (first class) 1961	Economics
<u>Graduate</u>			
1961-65	Harvard University Cambridge, MA	M.A. 1964 Ph.D. 1967	Economics Economics

APPOINTMENTS AND POSITIONS

Academic

Summer 1961 Queen's University Research Assistant
Summer 1963 Harvard University Research Assistant

Carnegie Mellon University

1966-71 Graduate School of Industrial Administration Lecturer-Assistant
Professor
1973-78 School of Urban and Public Affairs. Associate Professor of
Economics and Urban
Affairs.

University of Pittsburgh

1982- Graduate School of Public Health Professor of Health Economics
1985 - Department of Economics Professor of Economics (secondary)
1987 - Joseph M. Katz Graduate School Of Business Professor of Business Administration (secondary)
1989 - Department of Psychiatry Professor of Psychiatry (secondary)
1993 - Center for Research on Health Care Co-Director
1994 - Department of Health Services Vice Chair
2002 Administration
1997-2003 Health Administration Program Interim Director
2003- Health Administration Program Director
2002-2003 Department Health Policy & Management Interim Chair
2003 - 2010 Department Health Policy & Management Chair
2006- Pennsylvania Medicaid Policy Center Director

2006 -	Clinical Research, Investigation and Systems Modeling of Acute Illness. Department of Critical Care Medicine (CRISMA).	Associate Faculty
2008 -	University of Pittsburgh Clinical and Translational Institute	Professor (secondary)

Non-Academic

1965-66	Blue Cross Association Div. of Research and Planning Chicago, IL	Research Associate
1966-68	Blue Cross of Western PA	Research Associate
1978-79	DASPE/Health, Office of the Secretary/DHEW, Washington, DC (Charter member, SES)	Director, Economic Analysis
1979-82	Health Care Financing Admin. Department Health and Human Services, Washington, DC	Director, Office of Research

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

American Economic Association. 1965-
 American Public Health Association. 1982-
 Association for Health Services Research and Foundation for Health Services Research (AHSR). 1980-2000
 - Member of AHSR Board: 1983 – 1992
 - Member of FHSR Board: 1983 – 1993
 - President of AHSR: 1987 - 1988
 - President of FHSR: 1988 - 1989
 Committee on the Status of Women in the Economics Profession (CSWEP)
 AcademyHealth. (Previously AHSR) 2000-
 International Health Economics Association. 1995- 2008
 - Member of the IHEA Board: 2000-2002
 National Academy of Social Insurance. 1995-
 Selection Committee for the M Ball Award. 2009 -
 Institute of Medicine (elected 1990). 1990-
 Fellow: Employee Benefits Research Institute. 1997-
 Delta Omega Honor Society in Public Health. 1993 –
 TIAA-CREF Institute Fellow. 2007 -

HONORS

1961-62	Woodrow Wilson Fellow
1982	Administrator's Citation, HCFA
1988	Visiting Scholar - University of St. Louis, Center for Health Services Education and Research
1990	Elected Member of the Institute of Medicine.
1993	Elected to Delta Omega Society, Omicron Society, University of Pittsburgh
1994	Honorary Degree, Queen's University
1995	Fellow, Association for Health Services Research
1997	Distinguished Fellow, Association for Health Services Research

- 1998 First author of paper "The Impact of a Children's Health Insurance Program on Newly Enrolled Children", *JAMA*. 1998. 279(22):1820-1825 that won the annual health care research award in children's and family health given by the National Institute of Health Care Management
- 1999 Recipient of a 50 at 50 award: One of the 50 distinguished individuals associated with the Graduate School of Public Health (faculty or alumni) who were recognized for their contribution to public health and to GSPH in honor of GSPH's 50th anniversary.
- 2006 Co author of paper "Does hospitalization impact survival after lower respiratory infection in nursing home residents? *Medical Care* 22004:42(a) 860-70 that won the 2006 Best Research Paper Honorable Mention Award by the Society of Teachers of Family Medicine.
- 2009 National Associate of the National Research Council of the National Academies
- 2010 Co-author of paper "The Effect of Medicare Part D on Drug and Medical Spending" *NEJM*, 2009. 361:1 42-51 that was a finalist for the 16th Annual Health Care Award given by the National Institute of Health Care Management
- 2011 Distinguished Mentor Award. Institute of Clinical Research Education, University of Pittsburgh. May 2011.

Various biographical listings include *Who's Who in America*; *Who's Who Among American Women*; *International Who's Who of Professional and Business Women*; *Outstanding People of the 20th Century*; *Who's Who in Medicine and Health*; *Who's Who is Business Higher Education*; *Who's Who in Health Science Education*; *Who's Who in American Education*.

PUBLICATIONS

1. Peer Reviewed Articles

1. **JR Lave**, "A Review of the Methods Used to Study Hospital Costs," *Inquiry*, May 1966.
2. **JR Lave** and LB Lave, "Economic Analysis for Health Service Efficiency: A Review Article," *Applied Economics*, 1: 1970, 293-305.
3. **JR Lave** and LB Lave, "Hospital Cost Functions: Estimating Cost Functions for Multi-Product Firms," *American Economic Review*, 60(3): June 1970, 379-395.
4. **JR Lave** and LB Lave, "Estimating Cost Functions for Pennsylvania Hospitals," *Health Services Research*, Spring 1971.
5. **JR Lave** and LB Lave, "The Extent of Role Differentiation Among Hospitals," *Inquiry*, Spring, 1971.
6. **JR Lave**, LB Lave and TE Morton, "Physician's Assistant: Exploration of the Concept," *Hospitals J.A.H.A.*, June 1, 1971.
7. **JR Lave**, LB Lave and LP Silverman, "Hospital Cost Estimation Controlling for Case-Mix," *Applied Economics*, 4: September 1972, 165-180.
8. **JR Lave** and S Leinhardt, "The Delivery of Ambulatory Care to the Poor: A Literature Review," *Management Science*, December 1972.
9. **JR Lave**, LB Lave and LP Silverman, "A Proposal for Incentive Reimbursement for Hospitals," *Medical Care*, March 1973 11(2): 79-90.
10. SS Angrist and **JR Lave**, "Issues Surrounding Day Care," *The Family Coordinator*, October 1, 1973.
11. **JR Lave**, LB Lave and S Leinhardt, "Medical Manpower Models: Need, Demand and Supply," *Inquiry*, June 1975.

Reprinted in HJ Berman and LE Weeks (eds.) Economics in Health Care Aspen Systems Corporation, 1977.

Reprinted in R. Luke and J. Bauer (eds.) Issues in Health Economics, Rockville, MD: Aspen Systems Corp., 1982.

12. **JR Lave** and SS Angrist, "Factors Affecting Child Care Expenditures of Working Mothers," *International Journal of Marriage and the Family*, autumn 1975.
13. SS Angrist, **JR Lave** and R Mickelsen, "How Working Mothers Manage: Socioeconomic Differences in Work, Child Care and Household Arrangements", *Social Science Quarterly*, March 1976.
14. **JR Lave** and S Leinhardt, "The Evaluation of a Hospital Stay Regulatory Mechanism," *American Journal of Public Health*, October 1976.
15. **JR Lave** and S Leinhardt, "The Cost and Length of a Hospital Stay," *Inquiry*, December 1976 13(4): 327-343.
16. **Lave JR**, Lave LB. Cost Benefit Concepts in Health: Examination of Some Prevention Efforts. *Preventive Medicine*. 1978; 7(3):414-423
17. **JR Lave** and LB Lave, "Measuring the Effectiveness of Prevention: I," *Milbank Memorial Fund Quarterly*, Summer 1977.

Reprinted in Economics and Health Care, John B. McKinley (ed.) Cambridge: MIT Press, 1981.
18. **JR Lave**, LB Lave and S Leinhardt, "Characteristics of Individuals Who Identify a Regular Source of Medical Care," *American Journal of Public Health*, March 1979; 69.
19. **JR Lave** and LB Lave, "Hospital Reimbursement under National Health Insurance," *Health Communications Informatics*, 1979; 5.
20. D Juba and **JR Lave**, "An Analysis of the Choice of Health Benefits Plans by University Employees," *Inquiry*, 1980.

Reprinted in "An Analysis of Choice of Health Benefit Plans," in Lewis Weeks (ed.) *Sociology of Health Care*, 1982.
21. **JR Lave**, J Pettengill and J Vertrees, "Regional Issues in the Construction of the Medicare Case-Mix Index," *Health Care Financial Management Journal*, April 1983; 13:64-70.
22. **JR Lave**, A Dobson and C Walton, "The Potential Use of HCFA Data Sets for Health Care Services Research," *Health Care Financing Review*, Fall 1983; 5:93-98.
23. GF Anderson and **JR Lave**, "State Rate Setting Programs: Do They Reward Efficiency In Hospitals?" *Medical Care*, May 1984; 22: 494-498.
24. RG Frank and **JR Lave**, "The Impact of Benefit Design on Length of Stay and Transfers to Residential Settings," *Hospital and Community Psychiatry*, July 1985; 36(7):749-753.
25. RG Frank and **JR Lave**, "The Psychiatric DRGs: Are They Different?" *Medical Care*, November 1985; 22:1148-1155.
26. **JR Lave**, "Is Compression Occurring in DRG Prices?" *Inquiry*, Summer 1985; 22:142-147.

27. GF Anderson and **JR Lave**, "Financing Graduate Medical Education: Using Multiple Regression to Set Payment Rates," *Inquiry*, Summer 1986; 23 191-199.
28. RG Frank and **JR Lave**, "The Effect of Benefit Design on the Length of Stay of Medicaid Psychiatric Patients," *Journal of Human Resources*, 1986; 21(3):321-337.
29. RG Frank and **JR Lave**, "Per Case Prospective Payment for Psychiatric Inpatients: An Assessment and An Alternative," *Journal of Health Policy, Politics and Law*, Spring 1986; 11:83-96.
30. GF Anderson and **JR Lave**, "Financing Graduate Medical Education and Biomedical Research: Whose Responsibility," *Journal of Health Policy*, 1986; 6.
31. RG Frank, **JR Lave**, CA Taube, A Rupp and HA Goldman, "The Impact of Medicare's Prospective Payment System on Psychiatric Patients Treated in Scatter Beds," in R Scheffler and L Rossiter (ed.) *Advances in Health Economics and Health Services Research*, 1988; 8:1-22 [JAI Press, Greenwich].
32. CA Taube, **JR Lave**, A Rupp, HA Goldman and RG Frank, "Psychiatry Under Prospective Payment," *American Journal of Psychiatry*, 1988; 145:210-213.
33. **JR Lave**, RG Frank, A Rupp, CA Taube and HA Goldman, "The Decision to Seek an Exemption from PPS," *Journal of Health Economics*, 1988; 7(2):165-172.
34. **JR Lave**, RG Frank, CA Taube, HA Goldman, A Rupp, "PPS and Psychiatry: The First Year," *Inquiry*, 1988; 25(3): 354-363.
35. **JR Lave** and RG Frank, "Factors Affecting Medicaid Patients Length of Stay in Psychiatric Units," *Health Care Financing Review*, 1988; 10(2):57-66.
36. LH Kuller and **JR Lave**, "Decrease in the Overall Costs of the Medicare Program," (letter) *American Journal of Prevention*, 1988; 4:59-60.
37. **JR Lave** and RG Frank, "The Effect of the Structure of Hospital Payment on Length of Stay," *Health Services Research*, 1990; 25(2)327-347.
38. RG Frank and **JR Lave**, "A Comparison of Hospital Responses to Reimbursement Policies for Medicaid Psychiatric Patients," *The Rand Journal of Economics*, 1989; 20(4):588-600.
39. **JR Lave** and HH Goldman, "Medicare Financing for Mental Health Care," *Health Affairs*, 1990; 9(1):19-30.
40. **JR Lave** and RG Frank. "Hospital Supply Response to Prospective Payment as Measured by Length of Stay." *Advances in Health Economics and Health Services Research*. 2990/ 11(1-26).
41. **JR Lave**, P Jacobs and F. Markel, "Ontario's Hospitals Transitional Funding System: An Overview and Assessment" *Health Care Management Forum*, 1991; 4(4):3-11.
42. **JR Lave**, P Jacobs and F Markel, "Transitional Funding: Changing Ontario's Global Budgeting System," *Health Care Financing Review*, 1992; 11(3) 77-84.
43. RA Bankowitz, **JR Lave** and MA McNeil, "A Method for Assessing the Impact of a Computer-based Decision Support System on Health Care Outcomes," *Methods of Information In Medicine*, 1992; 31:3-11.
44. P Jacobs, EM Hall, **JR Lave**, M Glending, "Alberta's Health Care Funding Project," *Health Care Management Forum*, 1992; 5(3):4-11.

45. DG Ives, LH Kuller, R Schultz, ND Traven, **JR Lave**, "Comparison of Recruitment Strategies and Associated Disease Prevalence for Health Promotion in Rural Elderly," *Preventive Medicine*, 1992; 21: 582-589.
46. S Feigenbaum, G Anderson, **JR Lave**, "Medicare's Prospective Payment System: A Victim of Aggregation Bias?" *Review of Economics and Statistics*, 1992; 74(1) :185-191.
47. **JR Lave** and P Jacobs, "The Attitudes of Ontario Hospitals Towards Transitional Funding: Response to a Survey," *Health Care Management Forum*, 1993; 6(1):25-33.
48. Fine MJ, Singer DE, Hanusa BH, **Lave JR** and Kapoor WN "Validation of a Pneumonia Prognostic Index Using the MedisGroups Comparative Hospital Database." *The American Journal of Medicine* 1993. 94: 153-159.

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50. Zucconi SL, Jacobson LP, Schragger LK, Kass NE, **Lave JR**, Carson CA, Morgenstern H, Arno PS, Graham NM and the Multicenter AIDS Cohort Study. "Impact of Immunosuppression on Health Care Utilization by Men in the Multicenter AIDS Cohort Study (MACS). *The Journal of Acquired Immune Deficiency Syndromes*, 1994. 7:607-616.
51. **Lave JR**, Ives DG, Traven ND, Kuller LK, "Participation in Health Promotion Program by the Rural Elderly." *Preventive Medicine*, 1995. 11:46-53.
52. Ives DG, **Lave JR**, Traven ND, Kuller LK, "Impact of Medicare Reimbursement on Influenza Vaccination Rates in the Elderly." *Preventive Medicine* 1994. 23:134-141.
53. Jacobs P, **Lave, JR**, Hall E, Botz C, "Ambulatory Case Mix Funding Systems in Canada." *Healthcare Management Forum*, 1994. 7(2): 21-28.
54. Hasley PB, **Lave JR**, Kapoor W, "The Necessary and the Unnecessary Transfusion: A Critical Review of Reported Appropriateness Rates and Criteria for Red Cell Transfusions." *Transfusion*, 1994. 34 110-115.
55. RM Dasheiff, CW Ryan, **JR Lave**, "Epilepsy Brain Surgery: A Pittsburgh Perspective." *Seizure*, September 1994. 3(3): 197-207.
56. Silverman M, Musa D, Martin DC, **Lave JR**, Adams J, Ricci EM, "Evaluation of Outpatient Geriatric Assessment: A Randomized Multi-Site Trial." *Journal of the American Geriatrics Society*, 1995. 43:773-740.
57. JJ Cottrell, D Openbrier, **JR Lave**, C Paul, JL Garland, "Home Oxygen Therapy: A Comparison of 2- vs 6-Month Patient Reevaluation." *CHEST*. February 1995. 107:358-3612.
58. HC Schulberg, MR Block, MJ Madonia, E Rodriquez, P Scott, **JR Lave**, "Applicability of Clinical Pharmacotherapy Guidelines for Major Depression in Primary Care Settings." *Arch Fam Med*, February 1995, 4:106-112.
59. MJ Fine, BH Hanusa, **JR Lave**, DE Singer, RA Stone, LA Weissfeld, CM Coley, TJ Marrie, WN Kapoor, "Comparison of a Disease-specific and a Generic Severity of Illness Measure for Patients with Community-

- acquired Pneumonia." *Journal of General Internal Medicine*, 1995. 10:359-368.
60. R Schulz, GM Williamson, JE Knapp, J Bookwala, **JR Lave**, M Fello, "The Psychological, Social, and Economic Impact of Illness Among Patients with Recurrent Cancer." *Journal of Psychosocial Oncology*, 1995. 13(3): 21-45.
 61. JR Metlay, R Schulz, YH Li, LJ Hough, WN Kapoor, **JR Lave**, DE Singer, TJ Marrie, CM Coley, MJ Fine. "Influence of Age on Symptoms at Presentation in Community-acquired Pneumonia." *Journal of General Internal Medicine*, 1995. 10(supplement):57.
 62. JR Metlay, R Schulz, YH Li, LJ Hough, WN Kapoor, **JR Lave**, DE Singer, TJ Marrie, CM Coley, MJ Fine. "Natural History of Symptoms in Patients with Community-Acquired Pneumonia." *Journal of General Internal Medicine*, 1995; 10(supplement):73.
 63. **JR Lave**, DG Ives, ND Traven, LK Kuller, "An Evaluation of a Rural Health Promotion Project." *Health Services Research*, 1996, 31:261-281.
 64. DG Ives, **JR Lave**, ND Traven, R Schultz, LH Kuller, "Mammography and Pap Smear Use by Older Rural Women." Scientific Contribution: *Public Health Reports*, May/June 1996. Volume III, pp. 244-250.
 65. **JR Lave**, MJ Fine, SS Sankey, BH Hanusa, LA Weissfeld, WN Kapoor, "Hospitalized Pneumonia Cases in Pennsylvania: A Comparison of Outcomes, Treatment Patterns and Costs Across Urban and Rural Areas." *Journal of General Internal Medicine*, 1996, 11:415-421.
 66. CM Coley, YH Li, AR Medsger, TJ Marrie, MJ Fine, WN Kapoor, **JR Lave**, AS Detsky, MC Weinstein, DE Singer, "Preferences for Home vs Hospital Care Among Low-Risk Patients With Community-Acquired Pneumonia," *Arch Intern Med*, 1996;156:1565-1571.
 67. HC Schulberg, MR Block, MJ Madonia, CP Scott, **JR Lave**, E Rodriquez, JL Coulehan, "The "Usual Care" of Major Depression in Primary Care Practice," *Archives of Family Practice*, 1997;6:334-339.
 68. HC Schulberg, MR Block, MJ Madonia, CP Scott, E Rodriquez, SD Imber, J Perel, **JR Lave**, PR Houck, JL Coulehan, "Treating Major Depression in Primary Care Practice: Eight-Month Clinical Outcomes," *Archives of General Psychiatry*, 1996, 53:913-919.
 69. Songer TJ, LaPorte RE, **Lave JR**, Dorman JS, Becker DJ. "Employment Patterns Among Parents of Children With IDDM." *Work* 1997. 9:121-128.
 70. Songer TJ, LaPorte RE, **Lave JR**, Dorman JS, Becker DJ. Health Insurance and the Financial Impact of IDDM in Families With a Child With IDDM, *Diabetes Care*. April 1997. 20:4:577-584.
 71. Whittle J, Fine MJ, Joyce DZ, **Lave JR**, Young WW, Hough LJ, Kapoor WN.. Community-Acquired Pneumonia: Can it be Defined With Claims Data? *Am J Med Qual*. 1997. 12:187-193.
 72. Angus DC, Linde-Zwirble WT, Sirio CA, Rotondi AJ, Chelluri L, Newbold RC, **Lave JR.**, Pinsky MR. The Effect of Managed Care on ICU Length of Stay. *JAMA*, October 2, 1996. 276:1075-1082.
 73. **Lave JR**, Bankowitz RA, Hughes-Cromwick P, Giuse NB. Diagnostic Certainty and Hospital Resource Use. *Quarterly Journal of Cost and Quality*. July 1999. (3):22-32.
 74. Gleason PP, Kapoor WN, Stone RA, **Lave JR**, Obrosky DS, Schultz R, Singer DE, Coley CM, Marrie TJ, Fine MJ. Medical Outcomes and Antimicrobial Costs With the Use of the American Thoracic Society Guidelines for Outpatients with Community-Acquired Pneumonia. *JAMA*, July 2, 1997. 278:32-39.
 75. K Gilbert, PP Gleason, DE Singer, TJ Marrie, CM Coley, DS Obrosky, **JR Lave**, WN Kapoor, MJ Fine. Variations in Antimicrobial Use and Cost in More Than 2,000 Patients with Community-acquired

Pneumonia. *American Journal of Medicine*, 1998. 104:17-27.

76. G Clermont, DC Angus, WT Linde-Zwirble, **JR Lave**, MR Pinsky. Measuring Resource Use in the ICU with Computerized Therapeutic Intervention Scoring System-Based Data. *Chest*. 1998.113:434-42.
77. **Lave JR**, Keane CR, Lin CC, Ricci EM, Amersbach G, LaVallee CP. Impact of a Children's Health Insurance Program on Newly Enrolled Children. *JAMA*. 1998. 279:1820-1825
78. **Lave JR**, Frank RG, Schulberg HC, Kamlet MS. Cost-Effectiveness of Treatments for Major Depression in Primary Care Practice. *Archives of General Psychiatry*. July 1998. 55:645-651.

Abstracted in Journal Highlights. (The Center for Advancement of Health's quarterly publication of abstracts of the most significant current research on the relationship between health and behavior). 1998: 4.

Abstracted in Journal Watch Psychiatry. 1998. 4.

Abstract was revised and published with commentary by M Hotopf of the Institute of Psychiatry in London in Evidence Based Mental Health. 1999; 2: 32.

Structured Abstract written for NHS Economic Evaluation Data Base. NHS Centre for Reviews and Dissemination. York University. UK.

79. **Lave JR**, Keane CR, Lin CJ, Ricci EM, Amersbach G, LaVallee CP. The Impact of Lack of Health Insurance on Children. *Journal of Health and Social Policy*. 1998. 10(2):57-73.
80. **JR Lave**, MJ Fine, SS Sankey, BH Hanusa, LA Weissfeld, WN Kapoor, "Hospitalized Pneumonia Cases in Pennsylvania: A Comparison of Outcomes, Treatment Patterns and Costs Across Urban and Rural Areas." *Journal of General Internal Medicine*, 1996, 11:415-421.

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81. Whittle J, Lin CJ, **Lave JR**, Fine MJ, Delaney KM, Joyce DZ, Young WW, Kapoor WN. Relationship of Provider Characteristics, Outcomes, Process and Costs of Care for Community Acquired Pneumonia. *Medical Care*. 1998. 38:977-987.
82. Ness RB, Soper DR, Peipert J, Sondheimer SJ, Holley RL, Sweet RL, Hemsell DL, Randall H, Hendrix SL, Bass DC, Kelsey SF, Songer TJ, **Lave JR**. Design of the PID Evaluation and Clinical Health (PEACH) Study. *Controlled Clinical Trials*. 1998. 19:499-514.
83. Lin CJ and **Lave JR**. Duration in and Pattern of Utilization under Children's Health Insurance Programs. *Health Care Financing Review*. 1998. 19(4):101-116.
84. Fine MJ, Stone RA, Singer DE, Marrie TJ, Coley CM, Hough LJ, Obrosky DS, **Lave JR**, Schultz R, Ricci EM, Rogers JC, Kapoor WN. Processes and Outcomes of Care for Patients with Community-acquired Pneumonia: Results from the Pneumonia Patient Outcomes Research Team (PORT) cohort study. *Arch Internal Med*. 1999; 159: 970-980.

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85. Lin CJ and **Lave JR**. Utilization under Children's Health Insurance Programs. *Journal of Health and Social Policy*. 1999. 19(4)101-116.

86. Keane CR, **Lave JR**, Ricci EM, LaVallee CP. The Impact of a Children's Health Insurance Program by Age. *Pediatrics* November 1999. 104: 1051-1058.
87. **JR Lave**, Peele PB, Black JT, Evans JH, Amersbach G. Changing the Employer-Sponsored Health Plan System: The Views of Employees in Large Firms. *Health Affairs*. 1999. 18(4): 112-117.
88. McCormick D, Fine MJ, Coley CM, Marrie TJ, **Lave JR**, Obrosky S, Kapoor WN, Singer DE. Variation in Length of Hospital Stay in Patients with Community Acquired Pneumonia: Are Shorter Stay Associated with Worse Medical Outcomes? *The American Journal of Medicine*. 1999. 107:5-12.
89. Peele PB, **Lave JR**, Ying XU, Benefit Limits in Managed Behavioral Health Care: Do They Matter? *The Journal of Behavioral Health Services & Research*. 1999.26: 430-442.
90. Peele PB, **Lave JR**, Black JH, Evans JH. Employer Sponsored Health Insurance: Employers' Choice and Employee Preferences. *Milbank Quarterly*. 2000. 78:5-21.

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91. Silverman M, **Lave JR**, Musa D, Lin CJ Lange J, Smola. Medicare HMOs, The Experience of older African Americans and Whites. *Journal of Health and Social Policy* 2000. 12(2): 1-21.
92. **Lave JR**, Peele PB. The Distribution of Payments for Behavioral Health Care. *Psychiatric Services*. 2000. 51:72.
93. Degenholtz HB. Arnold RA, Meisel A, **Lave JR**. Persistence of Racial Disparities in Advance Care Plan Documents Among Nursing Home Residents. *Journal of the American Geriatrics Society*. 2002. 50(2):378-381.
94. Lin Cj, Whittle J, **Lave JR**, MacPherson DS, Brucker N, Kelly NE. Physician Satisfaction with Medical Practice in VISN 4. *Veteran's Health System Journal*. 2001. 6(5): 47-55.
95. Fine MJ. Pratt HM. Obrosky DS. **Lave JR**. McIntosh LJ. Singer DE. Coley CM. Kapoor WN. Relation between length of hospital stay and costs of care for patients with community-acquired pneumonia. *American Journal of Medicine*. October 2000 (5):378-85, 2000.
96. **Lave JR**, Peele PB, Xu Y, Scholle SH, Pincus HA. Use of Behavioral Health Care Services Within Families. *Psychiatric Services*. 2002. 53: 743-748
97. Peele PB, Cuffel B, **Lave JR** and KJ Kelleher. "Exclusions and Limitations in Children's Behavioral Health Care. *Psychiatric Services*. 2002, 53(5):591-594.
98. **Lave JR**, Keane CR, Lin CJ, Ricci EM. The impact of dental benefits on the utilization of dental services by low income children in Western Pennsylvania. *Journal of Pediatric Dentistry*. 2002. 42:3:234-240.
99. Ness RB, Soper DE, Holley RL, Peipert J, Randall H, Sweet RL, Sondheimer SJ, Hendrix SL, Amortegui A, Trucco G, Songer T, **Lave JR**. Hiller SL, Bass DC, Kelsey SF. Effectiveness of Inpatient and Outpatient Treatment Strategies for Women with Pelvic Inflammatory Disease. Results from the PID Evaluation and Clinical Health (PEACH) Randomized Trial. *Am.J Obstet Gynecol*. May 2002, 186(5):929-937.
100. Lin CJ. **Lave JR**. Marsh GM, LaVallee CP, Jovanovich Z. Factors Associated with Medicaid Enrollment for Low-Income Children in the United States, *Journal of Health and Social Policy*, 2003. 16(3): 35-51.
101. Peele PB, **Lave JR**, Songer TJ. Diabetes in employer-sponsored health insurance. *Diabetes Care*. 2002. 1 25(11): 1964-1968.

102. Kruse RL, Boles KE, Mehr DR, Spalding S, **Lave JR**. The Cost of Treating Pneumonia in the Nursing Home Setting. *Journal of the American Medical Directors Association*. 2003. 4(2):81-89.
103. Angus DC, Rubenfield GD, Roberts MS, Curtis JR, Connors AF, Cook DJ, **Lave JR**, Pinsky MR. Understanding costs and cost-effectiveness in critical care: Report from the Second American Thoracic Society Workshop on Outcomes Research. *Amer J Respir Crit Care Med*. 2002. 165:540-550.
104. Fine MJ, Stone RA, **Lave JR**, Hough LJ, Obrosky DS, Mor MK, Kapoor WN. Implementation of an Evidence-Based Guideline to Reduce Duration of Intravenous Antibiotic Therapy and Length of Stay for Patients Hospitalized with Community-Acquired Pneumonia: Results of a Randomized Controlled Trial. *Am J Med*. 2003. 115:343-351.
105. **Lave JR**. Developing a Medicare Prospective Payment System for Inpatient Psychiatric Care. *Health Affairs*. 2003. 22(5) 97-109.
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108. Songer TJ. **Lave JR**, Kamnlet MS, Frederick S, Ness RB. Preferences for Fertility in Women with Pelvic Inflammatory Disease. *Fertility & Sterility*. 2004. 8(3). 1344-1350.
109. Schoenbaum M, Kelleher K., **Lave JR**, Green S, Keyser D, Pincus H. Exploratory Evidence on the Market for Effective Depression Care in Pittsburgh. *Psychiatric Services*. 2004. 55(4). 393-395.
110. Kruse RL, Mehr DR, Boles KE, **Lave JR**, Binder EF, Madsen T, D'Agostino RB. Does Hospitalization Impact Survival Following Lower Respiratory Infection in Nursing Home Residents? *Medical Care*. 2004. 42(9).860-870.
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Ward S and **Lave JR**. Pennsylvania Medicaid Assistance Budget for 2007-08: Issues for Pennsylvania. January 2008.

Lave JR and Riaz S. Performance of Pennsylvania's MCOs enrolling Medical Assistance Recipients: from 2003-2006. March 2008.

Lin CJ, **Lave JR**, Costlow MR. The Importance of Medical as Payer for Newborn and Obstetrical Care in Pennsylvania. May 2009

Ward S and **Lave JR**. Pennsylvania's Proposed Medical Assistance Budget for 2009-2010: An Overview. May 2009.

Garfield R, Wallace C, **Lave JR**. Changing Policies to Engage Medicaid Beneficiaries in Health Care Decisions: A Review of Strategies and State Activity. August 2009.

Lave JR, Costlow M, Garfield R. Pennsylvania Medical Assistance: A Comparison with Other State Medicaid Programs. May 2010.

JR Lave and Costlow MR. Dental Coverage for Children under Pennsylvania Medical Assistance. June 2010

Lave JR, Costlow MR and Stevenson M. Faces of the Pennsylvania Medicaid Program. July 2011.

Fact Sheets:

Rose J, Costlow M and **Lave JR**. Medical Assistance Requirements for Seniors Needing Long Term Care, February 2008.

Rose J, Costlow M and **Lave JR**. Medical Assistance Eligibility Requirements for Seniors Needing Skilled Nursing Home Care When their Spouse Lives in the Community. February 2008.

Costlow MR and **Lave JR**. Medicaid Eligibility for Noncitizens. March 2008.

Lave JR. Managed Care in Pennsylvania. May 2008.

Lin CJ, **Lave JR**, Costlow MR. Medical Assistance Coverage of Pregnant Women and Newborn Children in Pennsylvania. July 2008.

Costlow MR, **Lave JR**, Garfield R. Medical Assistance and CHIP Enrollment Trends. January 2009

Costlow MR, **Lave JR**, Garfield R. The Coverage of Autism Services in Pennsylvania. February 2009.

Lave JR. The American Recovery and Reinvestment Act: Implications for Medicaid Assistance in Pennsylvania. March 2009.

Lave JR and Costlow MR. The Basics of the Children's Health Insurance Program in Pennsylvania. May 2009.

Lave JR and Wallace, C. The Intersection of Medicare and Medicaid: The Dual Eligibles in Pennsylvania. June 2009.

Ward S, **Lave JR**. Medicaid Spending in Pennsylvania. February 2010.

Costlow M, **Lave JR**, Garfield R. Medical Assistance and CHIP Enrollment Trends. April 2010.

Costlow MR, **Lave JR**, Garfield R, Stevenson M. Medical Assistance and CHIP Enrollment Trends: 2007-2010. April 2011.

Other reports;

Sustainable Health Spending and the US Federal Budget. Symposium Monograph. Edited by L Lave JR, Hughes-Crowmick P and Getzen T. Altarum Institute. July 2014.

PROFESSIONAL ACTIVITIES

1) Teaching

a) Prior to GSPH

Introduction to Economics
Urban Economics
Economics of Non-Profit Firms
International Trade
Micro-Economics (Undergraduate, Master's, and first year Ph.D.)
Macro-Economics
Health Economics
Women As Seen By Economists, Artists, and Writers

b) Teaching at GSPH

HS ADM 2028	Microeconomics with Health Applications: An introduction to the concepts in microeconomics, drawn from the health and medical care delivery system.
HS ADM 2125	Seminar in Health Economics Application of microeconomics to health and medical care delivery systems. Special emphasis on factors affecting supply and distribution of resources.
HS ADM 235	Health Promotion: Behavioral, Economic, and Political Strategies: An analysis of the effect of behavior on health and the evaluation of the effectiveness of alternative strategies in changing health behavior.
IEHS 245	The Economics of Pollution: The economics of pollution is discussed in the context of the microeconomics models of resource allocation. Cost benefit analysis, cost effective models are reviewed and alternative approaches to pollution control examined.
HS ADM 2203	The Financing and Regulation of Long Term Care.
HPM 2216	Health Insurance: Financing Health Care

c) Doctoral Dissertation Committees

Harrie Kemma, "The Relationship Between Schooling and Health: Investigation Into an Occupational Linkage," Ph.D. 1985. (Department of Economics)

James M. Klingensmith, "Competitive Environment, Enacted Strategy and Organizational Performance Relationships in the Acute Care Hospital Industry: 1980-1982," Sc.D. 1987. (Health Services Administration, GSPH)

Kenneth O. Ojo (Co-Chairperson), "Macroeconomic Planning of Health Resources in Nigeria," Ph.D. 1987. (Department of Economics)

Valerie Wetzeloff, "Infection and the Cost of Hospitalizations in the Elderly," Ph.D. 1990. (Department of Epidemiology)

Thomas Songer, "The Socio-Economic Impact of Diabetes Upon Families With Insulin-Dependent Children," Ph.D., 1990. (Department of Epidemiology)

Andrew Leone, "Essays on Contracting Between Health Maintenance Organizations and Primary Care Physicians," Ph.D., 1997. (Katz Graduate School of Business)

Steven C. Marcus (Principal Advisor), "Using Administrative Data to Evaluate Factors Associated with Receipt of Guideline Recommended Care for Patients with Bipolar Disease in a Medicaid Population," Ph.D., 1998. (Department of Epidemiology)

Ranjani Krishnan "Market Restructuring and Pricing in the Hospital Industry" Ph.D. 1999. (Katz Graduate School of Business)

Nicole Thibodeau-Martin "Improving the Organizational Architecture of Public Enterprise: An Investigation of the Effect of the Federal Government's Latest Effort Through the Veteran's Health Administration" Ph.D 2003. (Katz Graduate School of Business). The thesis was selected by the American Accounting Association GNP (Government and Nonprofit) section as the annual outstanding Dissertation Award

Archana Dube. "Four Essays on the Economics of Health Care" Ph.D. 2002. (Department of Economics)

Felecia J. Bayer. Quality of Diabetes care in a US Manufacturing Cohort: A Comparison of Quality Indicators as Predictors of Diabetes complications. Ph.D. 2011. (Department of Environmental and Occupational Health).

d) Master's Committees

Eric Friedlander. Infant Utilization of Health Services in An Inner City Hospital Clinic: A Comparison of Medicaid managed Care and Medical Fee-For-Service. MPH 1999.

Rita Washko. Disease Management and Case Management in the Era of Managed Care. MPH: 2000

Jacqueline Cipa. Managed Behavioral Health Under Pennsylvania Medicaid: Progress and Future Directions. MPH 2010

Matthew Stevenson.. What is the Role of Behavioral Economics in Health Insurance Plan Structure? MPH 2011.

e) Mentoring

Name	Role	Years	Title of Dissertation or K Project	Degree
Edward Post, M.D., Ph.D.	Mentor	2000-2005	Insurance Effects on Primary Care for Depressed Patients	K23
Robert Cook, M.D. M.P.H.	Advisor	2000-2005	Research on Alcohol and STDs.	K23
Joseph King, M.D.	Economic Advisor	2000-2003	Optimal Management of Cerebral Aneurysms.	K23
Carol Stockman Ph.D.	Mentor	2002-2008	Risk and Preferences: Racial Disparities in Cardiac Care	K23
Scott Watson, MD	Consultant	2002-2005	Consequences of surviving critical illness in childhood, 1K23HD046489	K23
Gina Succato, MD, MPH	Career Mentor or	2003-	NA	NA
Henry Wang, MD	Mentor	2003-2008	Effect of Out-of-Hospital Endotracheal Intubation Errors	K23

Amber Barnato, MD, MPH	Co-Mentor	2003 – 2009	Hospital level Variation in Treatment Intensity	K 23
Julie Donohue, PhD	Mentor	2006-2010	Medicare beneficiaries and high cost pharmaceuticals, prescribing practices, treatment adherence and patient perceptions of quality	K 12
Ateev Mehrotra, MD, MPH	Mentor	2007-2012	An examination of consumer directed health care	K12
Felecia Wu, PhD	Mentor	2007-2012	Achieving Healthier Home Environments Through Mold and Moisture Reduction: Current Health Risks, Public Awareness, and Policy Recommendations	K12
Daniel Patterson	Mentor	2009-	Team Configuration and Communication Patterns in Emergency Medical Services: What are the Implications for Safety and Performance	K12

2) Research

a) Grants and Contracts

- 1964-1965 Health Information Foundation, The Financing of Health Care for the Indigent: support for Ph.D. dissertation.
- 1966-1967 Hospital Planning Association of Allegheny County.
- 1968-1971 Department of Health Education and Welfare (An Investigation of Hospital Cost and Production Functions) with Lester B. Lave.
- 1971-1973 Department of Health Education and Welfare (Hospital Management, A Quantitative Approach) with Lester B. Lave.
- 1972-1973 Department of Health Education and Welfare (Economics Social and Policy Aspects of Child Care: A Quantitative Analysis of Child Care Arrangements of Working Mothers) with Shirley Angrist.
- 1974-1975 Department of Health Education and Welfare (Analyses of Hospital Charges and Length of Stay and the Effect of Regulation) with Samuel Leinhardt.
- 1974-1975 Department of Health Education and Welfare, "A Systems Model for Health Care Delivery," with Lester Lave and Samuel Leinhardt.
- 1983-1984 PA Department of Aging, Contract to write Monograph on Cost Containment in Aging, Principal Investigator.
- 1984-1985 Johns Hopkins University/Commonwealth Fund, "Investigation into the Excess Costs of Teaching Hospitals," Subcontractor.
- 1986-1987 National Institute of Mental Health, [RO1 MH-HS40990-01] "Effect of Prospective Payment on Psychiatric and Other Medicaid Patients," Co-Principal Investigator: Richard G. Frank.
- 1987-1990 Johns Hopkins University, Center for the Severely Mentally Ill/NIMH, Subcontractor.

1988-1995	The Health Care Financing Administration, "Preventive Health Services for Medicare Beneficiaries," Principal Investigator: Lewis H. Kuller.
1988-1991	NIH, "Living with Homecare: Cancer Patients and Caregivers," Principal Investigator: Richard Schulz, Grant # 5R01CA48635, \$41,078.
1989-1994	The Vira I. Heinz Foundation, "The Evaluation of the Rural Health Promotion Demonstration Project," Principal Investigator, P1570, \$52,300.
1990-1995	HHS/AHCPR, "Assessment of the Variations and Outcomes of Pneumonia," Co-Principal Investigator; Principal Investigator: Wishwa Kapoor, \$122,702.
1992-1998	NIH, "Cost-Effectiveness of Treatments for Depression," Principal Investigator, Grant # 5R01MH47454, \$489,155.
1995-1998	Blue Cross of Western Pennsylvania, "An Impact Study of Bluechip and the Caring Program for Children," Principal Investigator, \$195,866.
1995-1998	Blue Cross of Western Pennsylvania, "Cost and Utilization of Services Under Bluechip and Caring Program for Children," Principal Investigator, \$63,091.
1996-1999	Robert Wood Johnson Foundation, "Changes in Employer-Offered health insurance: Firms' Decision Making & Employee Satisfaction," Principal Investigator, \$424,424.
1997-2001	NIMH, "Behavioral Healthcare: Contract Design Use and Quality," Principal Investigator, Grant # 1 R01 MH56925, \$963,325.
1999-2001	Highmark and Merck. An Evaluation of SeniorCare Blue. Principal Investigator, \$23,000.

(Change in Format)

Years Inclusive	Grant and/or Contract Number & Title	Source	Annual Direct Costs	% Effort
1999-2003	Medical Informatics Training for Africa . (Co-investigator).	NIH	\$14,243	2%
1999-2004	Improving Quality of Primary Care for Anxiety Disorders,(co-investigator).	NIH	\$41,075	2.5%
2001-2005	Minority Health Disparities Program: Scholars Training Component, Principal Investigator	The Pittsburgh Foundation	\$200,000	5% donated
2000-2003	MHIRC for the Study of Mood & Anxiety Disorders. (Co-investigator).	NIH	\$54,791	5%
1999-2003	Guideline for Improving Quality of Initial Pneumonia Care. (Co-Investigator)	AHRQ	\$80,143	5%
2001-2005	Economic Analysis of Pulmonary Artery Catheter Use. (Co-Investigator)	NIH	\$24,765	5%
2001-2002	Morris Center Quality Improvement Project. (Co-Investigator)	Jewish Association on Aging	\$30,000	10%
2002-2008	Long-Term Outcomes of NO for Ventilated Premature Babies.(Co-Investigator)	NIH	\$5,212	2%

2004-2006	Comparing VA Health Disparities to Health Disparities Outside the VA. (Co - Investigator)	Veteran's Administration	\$13,590	7.5%
2006-2007	Implementation of Practices to Improve Efficiency of Care for Pneumonia (Co-Investigator)	Veteran's Administration	\$5,147	5%
2006-2008	Medicaid Policy Center. Principal Investigator.	The Pew Charitable Trusts	\$275,000	50%
2006-2008	"Medicaid Policy Center" Principal Investigator.	North Penn Fnd.	\$25,000	
2007-2009	"Medicaid Policy Center" Principal Investigator.	Jewish Healthcare Fnd.	\$50,000	
2006-2007	"Medicaid Policy Center" Principal Investigator.	Brandywine Fnd.	\$10,000	
2006-2008	"Medicaid Policy Center" Principal Investigator.	Pottstown Fnd.	\$20,000	
2006-2008	The Influence of Staff Turnover on Quality, (Co-investigator)	NIH	\$119,000	5%
2006-2008	Effect of Paramedic Airway Experience on Patient Outcomes, (Co-investigator)	NIH	\$10,646	5%
2006-2009	Identification & Therapy of Post-Partum Depression. (Co-investigator)	NIH	\$4,707	2%
2007-2009	Staffing Characteristics of Nursing Homes and Quality (Co-investigator)	AHRQ	\$134,179	5%
2007-2009	Quality of Life Toolkit (Co-investigator)	The Commonwealth Fund	\$134,563	2%
2008-2009	"Evaluation of the Economic And Clinical Effects Of Highmark's High-Deductible Health Plan" Principal Investigator	Highmark	\$17,000	5%
2008-2009	"Medicaid Policy Center" Principal Investigator	Brandywine	\$10,000	
2008-2010	"The Medicaid Policy Center, Principal Investigator	Pottstown Area Health and Well.fnc	\$15,000	
2009-2011	Medicaid Policy Center" Principal Investigator	The Pew Charitable Trusts	\$250,000	50%
2008-2011	"Impact of Part D Cost-Sharing on Pharmacy and Health Service" (Co-investigator)	NIH	\$125,000	3%
2009-2010	GSPH Pilot Grant to Yuting Zhang, (Co-	GSPH-Pitt	\$20,000	5%

Investigator)					
2009-2010	Developing a Robust Measure Of Hospital End-of-Life Intensity (Co-investigator) PI: Amber Barnato ‘	NIH	\$11,666	5%	
2009-2011	Medicare Part D Cost-Sharing and Treatment of Mental Disorders Among Disabled Dually Eligible Beneficiaries (co-investigator)	NIH	\$125,000	5%	
2009-2011	Comparing Methods to Pay for Psychotropic Medications for Medicare Beneficiaries (co-investigator)	NIH	\$336,073	5%	
2009-2010	Racial and Ethnic Difference in Response to Medicare Coverage Gap (co-investigator) PI: Yuting Zhang	NIH	\$281,822	2.5%	
2010-2013	In-Depth Investigation of Racial & Ethnic Disparities in Schizophrenia Care. (co-investigator) PI: Marcela Horvitz-Lennon	NIH	\$70,074	5%	
2013	The Potential Impact of the Life Insurance Consumer Disclosure Act on the Pennsylvania Medicaid Program (PI :Everett James)	PA	\$5,836	13.3 % (3 months)	

b) Grand Rounds (Graduate School of Public Health)

- 1983 Organized and made presentation on "Prospective Payment: What It Means for Hospitals and Public Health".
- 1984 Organized and made presentation on "The Status of DRG's".
- 1985 Organized "The Effect of the Change in the Hospital Reimbursement System on the Health Care Delivery System."

Grand Rounds (Medical School)

- 1988 Physician Payment Reform: RBRVS
- 1992 "Health Reform: Background and Outlook"

c) Seminars / Conferences / Presentations (Post 1990)

i) Research Seminars and Professional Meetings

- June 1994 Lave JR, Hughes-Cromwick P, Bankowitz R, "The Effect of Diagnostic Uncertainty on Costs and Length of Stay" (poster). Association for Health Services Research, Annual Meeting, San Diego.
- September 1994 Discussant: "Health Care Reform and Community Mental Health Systems Seventh Biennial Research Conference on the Economics of Mental Health." Bethesda MD.
- January 1995 "Rethinking Medicare 1995," American Economic Association Annual Meetings,

San Francisco.

- September 1996 "Cost-Effectiveness of Treatments for Major Depression in Primary Care Practice" (with RG Frank, HC Schulberg, MS Kamlet). Eight Biennial Research Conference on the Economics of Mental Health. Baltimore, MD.
- January 1997 Co-chair of the 9th Annual Conference, "Medicare: Preparing for the Challenges of the 21st Century" sponsored by the National Academy of Social Insurance. Washington, DC.
- June 1997 Chair: "Cost-Effectiveness Issues in Mental Health." Association for Health Services Research, Annual Meeting, Chicago, Illinois.
- June 1997 "An Evaluation of a Health Insurance Program for Children Who Would Otherwise be Uninsured: Poster (with CJ Lin, C Keane, E Ricci, G Amersbach and C. LaVallee). Association for Health Services Research. Annual meeting; Chicago, Illinois.
- June 1998 Whither Medicare: Panel Member on a Panel on Medicare. Association for Health Services Research. Washington. DC.
- March 1999 "Satisfaction with Medical Care Practice: VA and Private Sector Physicians" Poster at the Society for General Internal Medicine Annual Meetings: CJ Lin, JR Lave, J Whittle, DS Macpherson, JA Deneselya, N Brucker
- June 1999 Further Considerations of the Two-Part Model for Estimating Utilization Under Children's Health Insurance Programs. Poster at the International Health Economics Association Annual Meeting. CJ Lin, CC Ho-Chang, JR Lave.
- June 1999 Panel member: Panel of Pundits: A public Policy Update (3 hour session). American Society of Aging's National Learning Center Summer Series on Aging. Pittsburgh.
- June 2000 The Impact of a Children's Health Insurance Program on Use of Dental Services. Academy for Health Services Research and Health Policy Annual meeting. Los Angeles. (JR Lave, CR Keane, CJ Lin and EM Ricci).
- July 2000 Discussant: Utilization and Cost in Large Scale Intervention Trials. Challenges for the 21st Century: Mental Health Services. NIMH. Washington, D.C.
- July 2000 Poster. JR Lave, PB Peele, SH Scholle, Y XU, HA Pincus. Do Families Affect the Use of Behavioral Health Care Services? Challenges for the 21st Century: Mental Health Services. NIMH. Washington, D.C.
- October 2000 Current Changes in the Health Care Sector in the United States. 10th Annual Conference on Health Policy. Sponsored by the Quebec Network for Sociopolitical and Organizational Research on Health and Health Care. Quebec City.
- September 2002 Co-Chair of the Program Committee for The Eleventh Biennial Research Conference on the Economics of Mental Health: ADVANCING MENTAL HEALTH CARE FINANCING. Bethesda, Maryland. September 2002.
- June 2003 "Training Health Care Leaders for the Future". AUPHA Annual Meeting. Nashville Tennessee.

September 2004	Program Committee.12th Biennial Research Conference on the Economics of Mental Health: Enhancing the Impact of Mental Health Services: Economic Incentives and Research. Washington DC
October 2005	Workshop participant. New Directions for Public Health. The Pennsylvania Public Health Association Annual Meeting. Pittsburgh PA.
May 2008	Health Reform and the Mc Cain Platform. Society of General Medicine Annual Meeting. Pittsburgh
September 2009.	Reforming Health Care Payment? Integrating Behavioral and Physical Health Care. The Carl Taube lecture. The 14 th Biennial Research Institute Conference on the Economics of Mental Health: Towards Building a High Performance Mental Health System. Washington DC

d) Major Conferences and Other Presentations (since 1990)

January 1990	"The Economic Cost of Substance Abuse" The Wharton School. University of Pennsylvania.
June 1990	"The Impact of the PORTS on Health Services Research, Technology Innovation and Payment Policy" Institute of Medicine, National Workshop on Conflict of Interest in PORTS, Washington, DC.
May 1991	"Economics, Ethics and Cost Containment" Mercy Health System Leadership Conference, Pittsburgh.
May 1991	"Overview and Issues" Conference on Alternative Approaches for Medicare, Payment of Graduate Medical Education. Sponsored by Health Care Financing Administration, Washington, DC.
September 1991	"Economics of Health Care" at Economics and Ethics of Health Care. Policy and Realities: A Conference for Journalists, Raleigh, North Carolina.
November 1991	"National Health Care Policy: Why and What Form?" Leadership Pittsburgh Graduate Curriculum.
January 1992	"Transitional Funding: Changes to Ontario's Global Budgetary and Administrators Response." Seminar given at the Harvard School of Public Health, Harvard University.
April 1992	"The Economics of Health Care Reform" at the Push to Reform: A Conference for Journalists, Chicago 1992.
July 1992	State Initiatives" 1992 Pennsylvania Conference on Health Care: An Examination of our Future Policies. Erie, Pennsylvania.
September 1992	Panel member: "The Hospital Challenge: Balancing Quality, Cost and Access in Health Care" put on by Mellon Bank, Health Care Banking Symposium, Pittsburgh PA.
February 1993	"Rationing of Health Care" Medical Grand Rounds at Saint Margaret Memorial Hospital.
March 1993	"Is Cost Containment in ICU's feasible - the Role of Patient Selection Versus

Treatment" PA Society of Critical Care Medicine Annual Meetings. Seven Springs. PA.

March 1993 "Turning Theory Into Reality: Exploring a Regulated Multiple Payer System" Health Choices Conference on "Dollars & Sense: How will We Pay for Health Care," Burlington VT.

March 1993 Faculty Member for "Exploding Health Care Costs: Can They Be Controlled? A Conference for Journalists. Daytona Beach. FL.

March 1993 "Reforming Health Care, Problems, Solutions, Costs and Impacts" at the National Association of Business Economists meeting on Economic Policy and the New Administration, Washington DC.

July 1993 "A Perspective on the Federal Context for Health Reform." Institute of Politics/Health Policy Institute Seminar on Perspectives on State Health Care Reform, Pittsburgh.

February 1994 "Values and Tradeoffs in Health Care Reform," University of Pittsburgh, Founder's Day Forum, Pittsburgh.

March 1994 "Health Reform: Its Impact of Ophthalmologic Practice," Pittsburgh Ophthalmology Society, Pittsburgh.

March 1994 "Impact of the Clinton Health Plan," Alumni Association of the H.J. Heinz School, Carnegie Mellon University.

May 1994 Conference Faculty. FACS Program: "Health Care Reform, Year of Decision," Atlanta.

June 1994 "Change, Chance and Choice." Convocation address, Queen's University.

September 1994 "Outcomes-based Research--How to Use it in Enhancing Cost-Effectiveness." Meeting of WPA Chapter of the Health Care Financial Management Association, Pittsburgh.

September 1994 "Health Care Reform." Mellon Bank's Middle Market CPO Day, Pittsburgh.

September 1995 "Public Policy and Public Health's Best Bets for an Optimistic Future," Keynote Speaker: 25th Anniversary Celebration, University of Washington, School of Public Health and Community Medicine.

June 1996 "Managed Care and Its Impact on the End Stage Program." Network 4 Coordinating Council Meeting, Pittsburgh.

June 1996 "Issues Related to Insurance Plans" The Future of Medicare, Implications for the Pittsburgh Region.

April 1997 "What is Managed Care?" Current Controversies in Medical Ethics, Pittsburgh.

June 1997 "Health Care Reform in the United States." International Symposium on Health System Reform. Taipei, Taiwan.

November 1997 Faculty Member, "Covering Social Security and Medicare: A Conference for Professional Journalists" (FACS) Wheaton, Illinois.

October 1998	“Quality of Life: Policy Implications: Economic Considerations”. University of Pittsburgh Conference on Chronic Disorders Quality of Life. Pittsburgh, PA
December 1998	“Issues in extending graduate medical education training to the outpatient sector” meeting of the Council Of Graduate Medical Education Washington, DC.
February 1999	Faculty Member for “Reporting on Managed care and HMOs”. A conference for professional journalists sponsored by FACS (Federation of American Communications). Atlanta, Ga.
March 1999	“An Overview of the Outcomes Movement” overview session for the Pfizer sponsored workgroup on Practical Outcomes Research. Pittsburgh, PA
June 1999	Society of Aging’s Panel of Pundits Predicts: A Public Policy Update. American Society of Aging’s National Learning Center Summer Series on Aging. Pittsburgh. PA.
June 1999	“Outcomes and Accountability” Overview session for the Pfizer sponsored workgroup on Practical Outcomes Research. Charleston WV,
September 1999	Faculty Member for “Reporting the Changing Managed Care Story” a conference for professional journalists sponsored by FACS (Federation of American Communications) Lake Bluff, Illinois.
May 2000	Moderator: Second School Wide-Symposium. Graduate School of Public Health. University of Pittsburgh.
October 2000	Moderator: New Findings on Incentives Guiding Health Plan, Employer and Employee Behavior. Conference Sponsored by the Robert Wood Johnson Foundation. Washington. DC.
January 2001	Wrap-Up Speaker. Renewed Health Care Spending Growth: Implications and Policy. Conference sponsored by the Council on the Economic Impact of Health System Change. Washington DC.
February 2001	Plenary Speaker. “Overview of Health Workforce Issues in Southwester Pennsylvania.’ Pittsburgh Region Health Workforce Summit. Pittsburgh. PA.
January 2002	“Medicare Plus Choice: Current and Future Status” 4th John F. Kennedy School of Government /Commonwealth Fund Bipartisan Congressional Health Policy Conference. Aventura, Florida.
May 2002	Keynote speaker. “Challenges Facing the U.S. Health Care System. Sixth Binghamton Symposium on Health Management and Policy. Binghamton, NY
December 2002	Lecturer in the University of Pittsburgh Mini-Medical School.
March 2003.	Covering the Uninsured. Member of Panel speaking on Covering the Uninsured Week. Scaife Hall. Pittsburgh PA.
July , 2003	Health Insurance, Cost Containment &2003 Pension Update. Local Government Academy. Pittsburgh. PA
April 2004.	Health Care Payers and the Elderly. (with Judith Black). 13th Annual LHAS Current Controversies in Medical Ethics: Ethical Issues in Geriatric Medicine. Pittsburgh. PA.

- September 2004. Moderator and session organizer. Cleaning up Care: Eliminating Errors and Waste. Highmark Healthcare Cost Summit. Pittsburgh PA.
- September 2007 Panel Member. Medicare for the Masses of Baby Boomers. For Covering the Boomers and the Next Generation, Conference for the Press put on by the National Press Foundation and the National Academy of Social Insurance. Pittsburgh
- November 2008 Presenting the Pennsylvania Perspective. A breakfast Forum on the Age Wave
- November 2008 Integrating Primary Care and Behavioral Health Care in Community Based Settings: The Payer Perspective. Presentation at . At Making it Real: Integrating Primary Care and Behavioral Health care in Community-Based Settings. Conference sponsored by the Federal Partners Primary Care/Mental Health Integration Workshop. Morehouse School of medicine. Atlanta Georgia.
- April 2009 An economist looks at the Obesity Epidemic. Presentation at the 18th Annual LHAS Medical Ethics Update 2009. Pittsburgh PA
- March 26, 2009. National perspectives on Long Term Living services, Supports and Financing. Pennsylvania LTC Forum. Financing the Future of Aging Services. Harrisburg PA. d
- May 2013. Keynote speaker: The Medicare Newsgroup. A McCormick Specialized Reporting Institute. On Covering Medicare: Care, Cots, Control and Consequences. St. Petersburg. Fl

e) Selected Research Related Activity (Also see 3 and 5)

i) Editor and Board of Editors

- 1970-1974 Board of Editors: *Health Services Research*
- 1979-1982 Board of Editors: *Inquiry*
- 1979-1982 De Facto Editor: *Health Care Financing Review*
- 1986-1994 Board of Editors: *AUPHA Press/HAP Press*
- 1988-1991 Board of Editors: *Wiley Series in Health Services*
- 1990-1991 Board of Editors: *Delmar Series in Health Services*
- 1994- 2010 Board of Editors: *Journal of Health Policy, Politics and Law*
- 1998 - Board of Editors: *Health Affairs*

ii) Reviewer (Journals):

American Economic Review; American Journal of Psychiatry; Journal of the American Medical Association. American Journal of Public Health; Archives of Psychiatry; Canadian Journal of Economics; Economic Inquiry; The Gerontologist; Health Affairs; Health Care Financing Review; Health Economics; Health Policy Quarterly; Health Services Research; Health Services Review; Hospital and Community Psychiatry; Journal of Economic Literature; Journal of Health Economics; Journal of Health Policy, Politics and Law; Journal of Hospital and Community

Psychiatry; Journal of the American Medical Association; Journal of Political Economy; Medical Care; Milbank Quarterly; Pediatrics; New England Journal of Medicine. Public Health Reports

iii) Study Section Membership and Related Reviews

1975-1978	The Health Services Development Grants Study Section, NCHSR, (HEW)
1992-1996	Health Services Research, Agency for Health Care Policy and Research
1998	Clinical Centers Review Committee (NIMH)
1999, 2012	NIMH special study section
2002 , 2004	NIMH special grant reviewer
2003, 2004.	NIA. Special Emphasis Panel
2013	Special review panel of a project grant for the NIA

iv) Reviewer (Books)

Cambridge University Press
The University of Pittsburgh Press
Columbia University Press
Hospital Administration Press
Wiley Press
Rutgers' University Press

v) Reviewer (Grants and Contracts)

National Science Foundation
Review Panel HCFA Medicaid Evaluations
Social Science
Humanities Research Council of Canada
Robert Wood Johnson Foundation: Small grants review Committee for Analyzing Data from the Health Tracking Program (1998 – 2001)

vi) Reviewer IOM Reports: 1988-

vii) Local Review Panels

1982-1983	Health Projects Review Panel for the Health Research and Services Foundation.
1982- 2008	Proposal Reviewer for Western Psychiatric Institute.
1999-	Center for Research on Health Care
2003-	Jewish Health Care Foundation
2004, 2006 -	Proposal Reviews for the K12-funded Multidisciplinary Clinical Research Scholars Program
2004	Proposal Review. End of life program. (Bob Arnold)

3) Service

a) Department

1982-1992	HSA Curriculum Committee
1983-1988	Chairman, HSA Curriculum Committee
1991-2002	HSA Doctoral Committee
2002- 2010	Chair, HPM Curriculum Committee
2003-2007	Chair, Faculty Search Committees
2009-2012	Ph.D Admissions Committee
2010-	Member Executive Committee
2010-2012	Member. Curriculum Committee
2010-	Member Faculty Search Committee.
2012-	Member HPM Masters' Admissions committee

b) Graduate School of Public Health

1990-1992	Faculty Advancement Committee
1996- 1998	Faculty Advancement Committee
1990-1994	Faculty Executive Committee
2000-	Porter Prize Committee
2002	Search Committee: Director MMPH Program
2006	Interim Chair Representative: Planning and Budget Committee
2009-2010	Search Committee: Chair, Department of Epidemiology

c) Medical School/UPMC/VA

1993-1996	Medical School--Budget Oversight/Residency Subcommittee
2001-	Executive Committee VA Center for Healthcare Equity Research and Promotion
2005-	Multidisciplinary Advisory Committee. NIH. K12-funded Multidisciplinary Clinical Research Scholars Program,(CRSP)
2008-	Consultant. Health Policy Institute of WPIC

d) University

1994-1995	UPMC Outcomes Steering Committee
1984 1987; 2007-	University Senate, Health and Welfare Committee
1985 1986	Subcommittee for the Evaluation of Graduate Programs; University Council on Graduate Study
1985 1986	Joint GSPH/GSB task force on developing a new program for health administration student
1987 1988	The Cafeteria Benefits Plan Planning Group
1990-1996,	The Health Benefits Group
1993-1994	Chair, Student Health Services Review Committee
1994-1995	Search Committee, Senior Vice Chancellor for the Health Sciences
1994-	Board, Faculty/Staff Assistance Program
1999-2007	University Senate Health and Welfare Committee. Non-elected
2000- 2010	University Council on Aging
2010-	Institute of Aging of the University of Pittsburgh and the University of Pittsburgh Medical Center
2005 - 2006	Search Committee. Dean of the Graduate School of Public health
2007 -	University Senate Health and Welfare Committee. Elected.

e) Local Committees

1977	Reimbursement Study Subcommittee of Health Systems Agency of Southwestern Pennsylvania.
1977	Evaluation/Research Committee, Health Education Center, Pittsburgh.
1991	Allegheny County Mental Health/Mental Retardation Blue Ribbon Task Force.
1997	Working Together Committee

1999	Pittsburgh Regional Healthcare Initiative: Clinical Subcommittee
2000	Jewish Health Care Foundation Environmental Scan for Consumer Health Information for Allegheny County
2000	Roddy Transition Team—Health Department
2008-	Jewish Health Care Foundation: Grants Assessment Committees
2009-	Pittsburgh Regional Health Initiative: Stakeholders' Advisory group for the Safety Net Medical Home Initiative.

f) Health Policy Institute Project Teams

1982-1984	Pittsburgh Plan for Affordable Health Care.
1983-1984	Implications of a Changing Economy for the Health Care System in Southwestern Pennsylvania.
1984-1985	Economics of Ambulatory Surgery in Southwestern Pennsylvania.
1988-1990	Study of AIDS in the Pittsburgh Area.

g) Special Panels

Mar. 1983	Panel Member Joint AAHC/AAMC Workshop on the Use of Case-Mix Classifications in managing and Paying Hospitals
Feb. 1985	"An Examination of PPS Case-Mix Measures Coding and Weights," A Two Day Technical Workshop on PPS sponsored by National Health Policy Forum and Medical Prospective Payment Commission.
June 1986	Prospective Payment Commission: Panel on Future PROPAC Research Activities; Washington, DC.
Feb 1987	Prospective Payment Commission: Technical Advisory Panel on the Nursing Intensity Adjustment Under PPS; Washington, DC.
May 1987	Panel on Ethics: International Symposium on Brain Resuscitation; Pittsburgh, PA.
Sept. 1987	Participant in Symposium on Healthy Public Policies. Yale University.
Sept. 1987	Health Care Financing Administration: Evaluation of the Design for the Study to Compare Alternative Case-Mix Systems.
October 1987	Office of the Secretary, DHSS: Future Direction for Work on the Psychiatric Facilities Exempted from PPS.
October 1987	Committee on Graduate Medical Education: Problems with Current Methods of Adjusting for the Indirect Costs of Teaching.
Nov. 1987	Prospective Payment Commission: Technical Panel on Adjustments to Medicare PPS.
July 1989	HCFA: Advisory Panel to Develop a Research Agenda on Inner City Issues.
Mar. 1990	IOM: Planning Committee "Roles, Responsibilities and Potential Conflicts Among Teaching Hospitals, Health Professionals and Their Parent Universities."
Nov. 1991	HCFA: Panel on Assessing the Adequacy of PPA Payments.

Dec. 1991	CBO: Expert Panel on Approaches to Containing Health Care Costs
Jan. 1992	Advisory Committee for the V.A. Management Decision Research Center (MDRC) inaugural symposium.
1992-1994	Review Panel: Health Services Research Fellowship for the Renal Physicians Association.
1996-1997	Advisory Committee: PEW Charitable Trusts Study of the Costs and Financing of Primary Care Residence in Ambulatory Care Sites.

h) National/State Committees and Appointments

1975-1976	Institute of Medicine: Committee to Study the Supply of Hospital Beds
1977-1978	<i>Office of Technology Assessment</i> : Advisory Committee.
1982-1984	<i>Office of Technology Assessment</i> : Advisory Panel on Medical Technology and Costs of the Medicare Program.
1983-1985	<i>Institute of Medicine</i> : Committee on the Regulation of Nursing Homes.
1983-1984	<i>Robert Wood Johnson</i> : Advisory Committee on Foundation's Program for Research and Development of Health Care Costs.
1984-1988	HCFA Technical Advisory Panel on Evaluation of Prospective Payment for Hospitals.
1984-1985	<i>General Accounting Office</i> : Technical Advisory Panel on Evaluation of the Effect of the DRG System on Long-Term Care Institutions.
1984-1985	<i>American Psychiatric Association</i> : Technical Advisory Group to the APA study on Psychiatric DRG's.
1984-1985	<i>Office of Technology Assessment</i> : Advisory Panel on Medical Technology and DRGs: "Evaluating Medicare's Prospective Payment System."
1984-1986	<i>National Research Council</i> : Panel on Statistics for an Aging Population.
1985-1986	Project 2000 Commission on the Future of Podiatry.
1986-1988	<i>Institute of Medicine</i> : Committee on Health Care for the Homeless.
1986-1988	National Advisory Board: Leonard Davis Institute of Health Economics, University of Pennsylvania.
1986-1989	RAND Study on the Quality Impact of the Medicare PPS: Technical Advisory Panel.
1986-1987	<i>General Accounting Office</i> : Technical Advisory Committee on GAO Study on Monitoring the Quality of Care in the Medicare Program.

1987-1989 *American Economic Association*: Council on the Status of Women in the Economics Profession.

1987-1988 Robert Wood Johnson Foundation: Advisory Panel on the Evaluation of Programs for the Chronically Mentally Ill.

1988-1990 *Institute of Medicine*: Committee on Coverage for Substance Abuse.

1989-1993 *IOM*: Committee on Clinical Evaluation Studies of the Board on Health Care Services.

1989-1993 NIDA Financing and Coverage Policy Center: The Heller School, Brandeis University. Advisory Committee:

1990-1991 The Hospital Research and Educational Trust. (The American Hospital Association): Board of Trustees.

1990-1991 Chair: Health Technical Panel (for the Advisory Council on Social Security).

1991-1993 Chair: Interport Workgroup on Costs of Care.

1991-1992 Expert Panel on the Future of Income Security and Health Care Financing (for the Advisory Council on Social Security)

1991-1996 *Agency for Health Care Policy and Research*: Health Services Research Study Section.

1992-1993 Board of Counselors: to the Baxter Health Service Research Committee.

1992-1993 *National Academy of Social Insurance*. National Advisory Committee on National Health Care Financing Reform: Policy and Administrative Choices.

1991-1994 USDHHS. National Institute of Health: End-Stage Renal Disease Advisory Committee.

1993-1998 *National Research Council*: Report Review Committee.

1993-1997 *Prospective Payment Assessment Commission (ProPAC)*: Commissioner.

1993-1998 *The Commonwealth Fund*, Advisory Committee for Health Care Reform Program.

1994- *Pennsylvania Health Care Cost Containment Council*: Technical Advisory Group.

1995- 2002 *National Academy of Social Insurance*: Steering Committee for Restructuring Medicare for the Long Term.

1996- 2007 Brandeis University. Council on Health Care Economics and Policy

1996-1998 *Robert Wood Johnson Foundation*: National Committee for Investigator Awards in Health Policy.

1997-1998 *NIMH*: Oversight Board Use Needs Outcomes and Costs for Child and Adolescent Populations Project. (UNOCCAP).

1997-2000	<i>Medicare Payment Advisory Commission (MedPAC): Commissioner</i>
1998	<i>Rutgers University: Center for State Health Policy. National Advisory Council</i>
1998-2000	<i>Penn State University: Institute for Policy Research and Evaluation: Advisory Board.</i>
2001 -2002	<i>Institute of Medicine: Committee on Assuring the Health of the Public in the 21st Century.</i>
2005 - 2010	<i>Institute of Medicine: Board of Health Services</i>
2007 – 2010	<i>Institute of Medicine. Committee on a Comprehensive Review of the DHHS Office of Family Planning Title X Program. Committee member.</i>
2009-2010	NIH State of the Science Panel: Enhancing Use and Quality of Colorectal Cancer Screening
2012-	CHIP Program. Member of the Children’s health Insurance Program (CHIIP_ Advisory Committee.

i) Community

1976-77	Board, Craig House
1986-1988	American Red Cross, Pittsburgh/Allegheny County Chapters, Planning Committee
1988-1989	Review Committee, United Way
1999-2000	Working Together Consortium
1999-	Board of Directors: Presbyterian SeniorCare. Member of the Strategy Committee
2000	Roddy Transition Team: Health Department Transition Committee
2002 - 2007	Board of Trustees: Jewish Health Care Foundation
2002-	Board of Directors: SeniorCare Network. Vice Chair: 2002-

j) Selected Consultant Activity

1976-78	National Study of Internal Medicine Manpower
1971-78	Various Divisions of the Department of Health, Education and Welfare
1971-73	National Hospital Institute - The Netherlands
1968 -	The RAND Corporation
1975-78	Blue Shield of Western Pennsylvania
1976-78, 1983	ABT Associates

1974-77	Research Triangle Institute
1971-72	The Mon Valley Health and Welfare Association
1977	WESTAT
1982, 1986	Lewin and Associates
1984	Council of Teaching Hospitals
1984	Veteran's Administration
1984	Washington State Hospital Association
1986-1987	National Institute of Mental Health
1989-1992	The Ontario Hospital Association
1992	CONSAD
1992	Congressional Budget Office
1993	McArthur Foundation
1993	First Health
1993, 1996	Health Technology Associates
1994	University of Missouri: David Mehr grant "Outcomes of LRI in Nursing Home Residents"
2001 - 2002	American Psychiatric Association
2002	University of Michigan (B. Fries) Case-Mix Project for Inpatient Psychiatric Cases
2003-	Urban Institute: (K. Liu). Improving Medicare Payment for SNFs.
2005 -	Lovelace Clinic. The New Mexico Health Information Collaborative.
2004-	Thomas Chelimsky. Case Western Reserve. Management of Chronic pain among primary care physicians.
2008 –	Johns Hopkins University (Donald Steinwachs). . Policy Advisory Committee. Improving Patient Psychiatric Care: Cost and Quality Implications.
2010	Deputy Assistant Secretary for Disability, Aging and Long Term Care Policy DHHS. "The Impact of Health Reform on People with Mental Illness: coverage and service use." With Julie Donohue and Rachel Garfield

k) Legal Consulting

1984	Horty, Springer, & Mattern, Pittsburgh, PA
1985	Peter F. Stoloff, Portland, OR

1989	Hogan and Hartson, Washington, DC
1991-1995	The Connecticut Hospital Association (Wiggin and Dana, New Haven CN)