

## CURRICULUM VITAE

May 30, 2006

Name: H.E. Frech, III

Current Position: Professor of Economics  
Department of Economics  
University of California  
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Birthdate: November 11, 1946

Education: B.S. 1968 University of Missouri (Industrial Engineering)  
M.A. 1970 UCLA (Economics)  
Ph.D. 1974 UCLA (Economics) Dissertation: "The Regulation of Health Insurance"

Primary Fields of Economic Theory, Industrial Organization, Economics of Health, Introductory Statistics,  
Teaching & Research: Applied Econometrics, Law and Economics

Professional Appointments: 1970-72 Economist, Economic Analysis Branch, SEAD, National Center for Health Service Research and Development, U.S. Department of Health, Education and Welfare, Rockville, MD.  
1973-74 Acting Assistant Professor, Department of Economics, UCSB  
1974-76 Assistant Professor, Department of Economics, UCSB  
1976-77 Visiting Faculty Fellow (Assist. Prof.) Department of Economics, Harvard  
1977-81 Associate Professor, Department of Economics, UCSB  
1981- Professor, Department of Economics, UCSB  
1982 Visiting Professor, Graduate School of Business, University of Chicago  
1980,83,92 Acting Chairman (various months), Department of Economics, UCSB  
1992-93 Vice Chairman, Department of Economics, UCSB  
1993- Adjunct Scholar, American Enterprise Institute, Washington, D.C.  
1993-94 Chairman, Department of Economics, UCSB  
1994- Adjunct Professor, Sciences Po de Paris  
1999- Advisory Board, Petris Center for Health Care Markets, UC Berkeley  
1999-2001 Consultant, Center for Naval Analysis  
2001, 2005 Visiting Professor, Curtin University, Perth, Australia  
2004- Member, Gerson Lehrman's Group Council of Advisors

Honors and Awards: U.S. Public Health Service Research Training Fellowship, 1972  
Fellow, Association for Health Services Research, 1996  
Research Excellence Award for Methodology, International Society for Pharmacoeconomics and Outcomes Research, for "Is There a Link Between Pharmaceutical Consumption and Improved Health in OECD Countries?" (with Richard D. Miller, Jr.), 2001

Listed in: Who's Who in Economics, 2nd edition; Who's Who in the West; Contemporary Authors; Who's Who in California; Who's Who in Western Finance; Public Policy Experts; Who's Who in Finance and Industry; Who's Who in Science and Engineering; Who's Who in the World, Who's Who in America

A. PUBLISHED WORK

|     | <u>YEAR</u> | <u>TITLE</u>   | <u>PUBLISHER</u>   | <u>CATEGORY</u> |
|-----|-------------|--|--|-----------------|
| 1.  | 1970        | “Human Capital and the Size Distribution of Income in Dutch Cities” (with Leland S. Burns) | <u>De Economist</u> , 118, pp. 598-618   | Article         |
| 2.  | 1970        | “The Pareto Superiority of Point Rationing to Specific Commodity Rationing”                | <u>The American Economist</u> , V. 14, No. 2 (Fall), pp. 57-58                                       | Note            |
| 3.  | 1970        | “Institutions for Allocating the Radio-TV Spectrum and the Vested Interests”               | <u>Journal of Economic Issues</u> , V. 4, No. 4 (Dec), pp. 23-37                                     | Article         |
| 4.  | 1971        | “Metropolitan Interpersonal Income Inequality: A Comment” (with Leland S. Burns)           | <u>Land Economics</u> 47, February, pp. 104-106  | Comment         |
| 5.  | 1971        | “More on Efficiency in the Allocation on the Radio-TV Spectrum”                            | <u>Journal of Economic Issues</u> , V. 5, No. 3 (Fall), pp. 100-104                                  | Reply           |
| 6.  | 1972        | “Physician Pricing: Monopolistic or Competitive” (with Paul B. Ginsburg)                   | <u>Southern Economic Journal</u> 36, April, pp. 573-580. Also, reprinted in RAND, P-4011-2           | Comment         |
| 7.  | 1972        | “Economic Regulation: The Case of Occupational Licensure in the Health Care Industry”      | <u>Virginia Essays in Economics</u> , No. 3  | Article         |
| 8.  | 1972        | “The Public Choice Theory of Murray N. Rothbard: A Modern Anarchist”                       | <u>Public Choice</u> , Vol. XIV, pp. 143-154   | Article         |
| 9.  | 1973        | “Pricing of Pollution: The Coase Theorem in the Long Run”                                  | <u>Bell Journal of Economics and Management Science</u> , Vol. 4, #1, pp. 316-319                    | Comment         |
| 10. | 1973        | “Biological Externalities and Evolution: A Comment”  | <u>Journal of Theoretical Biology</u> , Vol. 39, pp. 669-672   | Comment         |
| 11. | 1974        | “Optimal Scale in Medical Practice: A Survivor Analysis” (with Paul B. Ginsburg)           | <u>Journal of Business</u> 47, 1, January, pp. 23-36   | Article         |
| 12. | 1975        | “Occupational Licensure and Health Care Productivity: The Issues and the Literature”       | <u>Health Manpower and Productivity</u> , ed. by John A. Rafferty, Lexington, MA, Heath, pp. 119-142 | Article         |
| 13. | 1975        | “Property Rights and Dynamic Inefficiency of Capitalism: Comment”                          | <u>Journal of Political Economy</u> 83, 1, February, pp. 209-214                                     | Comment         |

| <u>YEAR</u> | <u>TITLE</u>  | <u>PUBLISHER</u>   | <u>CATEGORY</u> |
|-------------|---|--|-----------------|
| 14.         | 1975 “Imposed Health Insurance in Monopolistic Markets, A Theoretical Analysis” (with Paul B. Ginsburg)   | <u>Economic Inquiry</u> 13, 1, March, pp. 55-70  | Article         |
| 15.         | 1976 “The Demand for Health Insurance: Comment”   | <u>The Role of Health Insurance in the Health Services Sector</u> , ed. by Richard N. Rosett, Universities-National Bureau Committee for Economic Research, Naional Bureau of Economic Research, pp. 156-160 | Comment         |
| 16.         | 1976 “Property Rights Theory of the Firm: Empirical Results from a Natural Experiment”  | <u>Journal of Political Economy</u> 84, 1, January, pp. 143-152  | Article         |
| 17.         | 1976 “Expanding the FTC Health Care Program”  | <u>Federal Trade Commission Program Budget Mid-Year Review</u> , Vol. III, pp. CA-37 to CA-64  | Gov't Report    |
| 18.         | 1976 “The Economic Impact of the California Coastal Commission: Land Use and Land Values” (with Ronald N. Lafferty)   | <u>The California Coastal Plan: A Critique</u> , ed. by M. Bruce Johnson, Institute for Contemporary Studies, pp. 69-91  | Article         |
| 19.         | 1976 <u>Acceptable Waiting Time Approach for Determining Inpatient Bed Service Requirements: Methodology, Overview and Pilot Application Results</u> (with James Dei Rossi, et al.) | National Technical Information Service, Vol. 1, 84 pp.   | Monograph       |
| 20.         | 1977 <u>Acceptable Waiting Time Approach for Determining Inpatient Bed Service Requirements: Procedures Manual</u> (with James Dei Rossi, et al.)                                   | National Technical Information Service, Vol. 2, 295 pp.  | Monograph       |
| 21.         | 1977 “The Economics of Medical Malpractice: Commentary”   | <u>The Economics of Medical Malpractice</u> , ed. by Simon Rottenberg, Washington, D.C., American Enterprise Institute for Public Policy Research, pp. 280-288   | Comment         |
| 22.         | 1977 Review of “Need and the National Health Service: Economics and Social Choice” by A.J. Culyer   | <u>Annals of the American Academy of Political and Social Science</u> , Vol. 434, November, pp. 237-238  | Book Review     |

|     | <u>YEAR</u> | <u>TITLE</u>   | <u>PUBLISHER</u>  | <u>CATEGORY</u> |
|-----|-------------|--|---|-----------------|
| 23. | 1978        | “Community Environment and the Market Value of Single-Family Homes: The Effect of Dispersion of Land Uses” (with Ronald N. Lafferty) | <u>Journal of Law and Economics</u> , Vol. XXI, October 1978, pp. 381-396   | Article         |
| 24. | 1978        | “Altruism, Malice and Public Goods: Does Altruism Pay”   | <u>Journal of Social and Biological Structures</u> , 1, pp. 181-185   | Comment         |
| 25. | 1978        | <u>Public Insurance in Private Medical Markets: Some Problems of National Health Insurance</u> (with Paul G. Ginsburg)               | Washington, D.C., American Enterprise Institute for Public Policy Research  | Book            |
| 26. | 1978        | “Are Managers an Elite Clique with Dictatorial Power?”   | <u>The Attack on Corporate America</u> , ed. by M. Bruce Johnson, New York, McGraw-Hill, pp. 77-81  | Article         |
| 27. | 1978        | “Is Ownership Divorced from Control?”  | <u>The Attack on Corporate America</u> , ed. by M. Bruce Johnson, New York, McGraw-Hill, pp. 102-106  | Article         |
| 28. | 1978        | “Competition Among Health Insurers” (with Paul B. Ginsburg)  | <u>Competition in the Health Care Sector: Past, Present and Future</u> , ed. by Warren Greenberg, Washington, D.C., Federal Trade Commission, pp. 210-237, reprinted by Aspen Systems, Germantown, MD | Article         |
| 29. | 1979        | “The Extended Coase Theorem and Long Run Equilibrium: The Non-Equivalence of Liability Rules and Property Rights”                    | <u>Economic Inquiry</u> , Vol. XVII, No. 1, April, pp. 254-268  | Article         |
| 30. | 1979        | “Advertising as a Privately Supplied Public Good” (with Clifford B. Rochlin)   | <u>Economic Inquiry</u> , Vol. XVII, No. 2, July, pp. 414-418   | Article         |
| 31. | 1980        | “Market Power in Health Insurance: Effects on Insurance and Medical Markets”   | <u>Journal of Industrial Economics</u> , Vol. XXVIII, No. 1, September, pp. 55-72   | Article         |
| 32. | 1980        | “Health Insurance: Private, Mutual or Government”  | <u>Research in Law and Economics</u> , Supplement 1, pp. 61-73  | Article         |

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|-----|-------------|---|---|-----------------|
| 33. | 1980        | “Managerial Incentives in Nonproprietary Institutions”  | <u>Research in Law and Economics</u> , Supplement 1, pp. 46-49  | Comment         |
| 34. | 1980        | “Blue Cross, Blue Shield and Health Care Costs: A Review of the Economic Evidence”  | <u>National Health Insurance: What Now, What Later, What Never</u> , ed. by Mark V. Paul, Washington, D.C., American Enterprise Institute for Public Policy Research, pp. 250-263   | Article         |
| 35. | 1980        | The Property Rights Theory of the Firm and Competitive Markets for Top Decision-Makers”   | <u>Research in Law and Economics</u> , Vol. 2, pp. 49-63  | Article         |
| 36. | 1980        | “The Welfare Loss of Excess Nonprice Competition: The Case of Property-Liability Insurance Regulation” (with Joseph C. Samprone, Jr.) | <u>Journal of Law and Economics</u> , Vol. XXIII, No. 2 (October 1980), pp. 429-440   | Article         |
| 37. | 1980        | “The Cost of Nursing Home Care in the United States: Government Financing, Ownership and Efficiency” (with Paul B. Ginsburg)          | <u>Health, Economics and Health Economics: Proceedings of the World Congress on Health Economics</u> , Leyden, The Netherlands, Sept. 1980, ed. by Jacques van der Gaag & Mark Perlman, Amsterdam: North Holland, pp. 67-81 | Article         |
| 38. | 1981        | “The Long-Lost Free Market in Health Care: Government and Professional Regulation in Medicine”  | <u>A New Approach to the Economics of Health Care</u> , ed. by Mancur Olson, Washington, D.C.: American Enterprise Institute for Public Policy Research, pp. 44-66  | Article         |
| 39. | 1981        | “Property Rights and Competition in Health Insurance: Multiple Objectives for Nonprofit Firms” (with Paul G. Ginsburg)                | <u>Research in Law and Economics</u> , Vol. 3, pp. 155-172  | Article         |
| 40. | 1982        | “The California Coastal Commissions: Economic Impacts”  | <u>Resolving the Housing Crisis: Government Policy, Decontrol and the Public Interest</u> , ed. by M. Bruce Johnson, Ballinger, pp. 259-274   | Chapter         |

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|-------------|---|--|------------------|
| 41.         | 1982 “A Hard Pill to Swallow”, review of <u>Taking Your Medicine: Drug Regulation in the United States</u> by Peter Temin | <u>Reason</u> , Vol. 13, No. 12 (April 12, 1982), pp. 51-52  | Review           |
| 42.         | 1982 “A New Economic View of Advertising” (with Clifford Rochlin)   | <u>Journal of Advertising</u> , Vol. 1, pp. 213-222  | Article          |
| 43.         | 1983 “Property Rights and Wages: The Case of Nursing Homes” (with George Borjas & Paul B. Ginsburg)                       | <u>Journal of Human Resources</u> , Vol. XVIII, No. 2, pp. 231-246, Spring   | Article          |
| 44.         | 1982 <u>The Economics of Nursing Home Care: Ownership and Financing</u> (with Paul B. Ginsburg)                           | National Technical Information Service, Final Report, Grant I, Ro1 HS 02674, National Center for Health Services Research  | Technical Report |
| 45.         | 1984 “Competition in Medical Care: Research and Policy”   | <u>Advances in Health Economics and Health Services Research</u> , Vol. 5, pp. 1-27  | Article          |
| 46.         | 1984 “The Effect of the California Coastal Commission on Housing Prices” (with Ronald N. Lafferty)                        | <u>Journal of Urban Economics</u> , Vol. 16, pp. 105-123   | Article          |
| 47.         | 1984 “Strategic Behavior and Antitrust Analysis” (with William S. Comanor)  | <u>American Economic Review</u> , Vol. 74, No. 2, May, pp. 372-376   | Article          |
| 48.         | 1984 “The Social Benefits of Price Competition in Medicine”   | <u>Perspectives in Biology and Medicine</u> , Vol. 28, No. 1 (Autumn 1985), pp. 40-48  | Article          |
| 49.         | 1985 “The Property Rights Theory of the Firm: Some Evidence from the U.S. Nursing Home Industry”                          | <u>Journal of Institutional and Theoretical Economics</u> ( <u>Zeitschrift für die gesamte Staatswissenschaft</u> ), Vol. 141, No. 1, pp. 146-166 (March 1985)           | Article          |
| 50.         | 1985 “The Competitive Effects of Vertical Agreements” (with W.S. Comanor)   | <u>American Economic Review</u> , Vol. 75, No. 3, pp. 539-546 (June 1985)<br><br>Reprinted in <u>Journal of Reprints of Antitrust Law and Economics</u> , Vol. XX, No. 1 | Article          |

| <u>YEAR</u> | <u>TITLE</u>   | <u>PUBLISHER</u>   | <u>CATEGORY</u> |
|-------------|--|--|-----------------|
| 51.         | 1985 “Le système américain de Sécurité Sociale” (Translation and condensation of an early version of “The United States (Health Care System)”, below)            | <u>Où Vont les Systèmes de Santé? Les Carrefours de l'Industrie Pharmaceutique</u> , Paris: Publications Essentielles, pp. 25-30 | Article         |
| 52.         | 1986 “Deterring Fraud: The Role of Resale Price Maintenance” (with Robert F. Springer)   | <u>Journal of Business</u> , Vol. 59, No. 3 (July 1986), pp. 433-450   | Article         |
| 53.         | 1984 <u>Statement on House Bill 5624 to Blue Shield to Continue the Ban on Balance Billing</u>   | Joint Committee on Insurance, Commonwealth of Massachusetts, April 25, 1984  | Testimony       |
| 54.         | 1984 <u>Testimony in re Informational Hearing Regarding Methods of Compensating Providers of Health Care Services to be Used by Blue Shield of Massachusetts</u> | Division of Insurance, Commonwealth of Massachusetts, Dec. 14, 1984  | Testimony       |
| 55.         | 1987 “Comments on Antitrust Issues”  | <u>Advances in Health Economics and Health Services Research</u> , Vol. 7, pp. 263-267   | Comment         |
| 56.         | 1987 “The Welfare Cost of Rationing-by Queuing: Theory and Estimates from the U.S. Gasoline Crises” (with Bill Lee)  | <u>Quarterly Journal of Economics</u> , Vol. CII, No. 1 (Feb. 1987), pp. 97-108  | Article         |
| 57.         | 1987 <u>Trial Testimony in Mass. Medical Soc. v. Michael Dukakis</u>   | U.S. Dist. Court for Mass., Docket No. 85-4312-K, April 1987   | Testimony       |
| 58.         | 1987 “The Competitive Effects of Vertical Agreements: Reply” (with William S. Comanor)   | <u>American Economic Review</u> , Vol. 77, No. 5 (Dec. 1987), pp. 1069-1072  | Comment         |
| 59.         | 1988 Review of <u>The Health Economy</u> by Victor Fuchs   | <u>Journal of Political Economy</u> , Vol. 95, No. 6 (Dec. 1987), pp. 1337-1340  | Review          |
| 60.         | 1988 <u>Health Care in America: The Political Economy of Hospitals and Health Insurance</u>  | San Francisco: Pacific Research Institute  | Edited Book     |

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|-----|-------------|--|---|-----------------|
| 61. | 1988        | “Introduction: The Political Economy of Health Care”   | <u>Health Care in America: The Political Economy of Hospitals and Health Insurance</u> , ed. by H.E. Frech III, San Francisco: Pacific Research Institute, pp. 1-26   | Article         |
| 62. | 1988        | “Monopoly in Health Insurance: The Economics of <u>Kartell v. Blue Shield of Massachusetts</u> ” | <u>Health Care in America: The Political Economy of Hospitals and Health Insurance</u> , ed. by H.E. Frech III, San Francisco: Pacific Research Institute, pp. 293-322  | Article         |
| 63. | 1988        | “Preferred Provider Organizations and Health Care Competition”                                   | <u>Health Care in America: The Political Economy of Hospitals and Health Insurance</u> , ed. by H.E. Frech III, San Francisco: Pacific Research Institute, pp. 353-372  | Article         |
| 64. | 1988        | “Competition Among Health Insurers, Revisited” (with Paul B. Ginsburg)                           | <u>Journals of Health Politics, Policy and Law</u> , Special Issue on Competition in the Health Care Sector: Ten Years Later, ed. by Warren Greenberg, Vol. 13, No. 2 (Summer 1988), pp. 279-291<br><br>Reprinted in <u>Competition in the Health Care Sector: Ten Years Later</u> , ed. by Warren Greenberg, Durham, NC: Duke Univ. Press, pp. 57-70 | Article         |
| 65. | 1988        | “Economic Analysis of the Proposed Merger of Sacred Heart Hospital and the Eugene Hospital”      | Antitrust Division, U.S. Dept. of Justice, Business Review Letter Proceeding (June 13, 1988)  | Report          |
| 66. | 1988        | “Prefiled Direct Testimony for 1989/1990 Medical Malpractice Market Share Hearing”               | Massachusetts Division of Insurance, Docket No. 88-21, Sept. 29   | Testimony       |
| 67. | 1989        | “How Hospitals Compete: A Review of the Literature” (with J. Michael Woolley)                    | <u>Journal of Law and Public Policy</u> , Vol. 2 (1988-1989): 57-80   | Article         |



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|-----|-------------|---|---|-----------------|
| 68. | 1990        | <u>Taxing Energy: Oil Severence Taxation and the Economy</u> (with Robert Deacon, Stephen DeCanio and M. Bruce Johnson) | New York: Holmes and Meyer  | Book            |
| 69. | 1990        | “The United States (Health Care System)”  | In <u>Advances in Health Economics and Health Services Research</u> , supplement “Comparative Health Systems”, guest ed. Jean-Jacques Rosa, Supplement 1 (1990), pp. 43-76                        | Article         |
| 70. | 1991        | <u>Regulating Doctor's Fees: Competition, Benefits and Controls under Medicare</u>                                      | American Enterprise Institute for Public Policy Research  | Edited Book     |
| 71. | 1991        | “Overview of Policy Issues”   | <u>Regulating Doctor's Fees: Competition, Benefits, and Controls under Medicare</u> , ed. by H.E. Frech III, Washington, D.C.: American Enterprise Institute for Public Policy Research, pp. 1-34 | Article         |
| 72. | 1991        | Review of <u>Contracting for Property Rights</u> , by Gary D. Liebcaps  | <u>Journal of Comparative Economics</u> , 15 (1991), pp. 536-538  | Book Review     |
| 73. | 1991        | <u>Health Economics Worldwide</u>   | Kluwer Academic Publishers  | Edited Book     |
| 74. | 1991        | “Preface” (with Peter Zweifel)  | In <u>Health Economics Worldwide: Proceeding of the Second World Congress on Health Economics</u> , ed. by Peter Zweifel & H.E. Frech III. Dordrecht: Kluwer Publishers, pp. vii-viii             | Preface         |
| 75. | 1992        | “Consumer Information, Price and Nonprice Competition Among Hospitals” (with J. Michael Woolley)                        | In <u>Health Economics Worldwide: Proceedings of the Second World Congress on Health Economics</u> , ed. by Peter Zweifel & H.E. Frech III. Dordrecht: Kluwer Publishers, pp. 217-244             | Article         |

|     | <u>YEAR</u> | <u>TITLE</u>  | <u>PUBLISHER</u>  | <u>CATEGORY</u>         |
|-----|-------------|---|---|-------------------------|
| 76. | 1992        | “Research Yields Surprises About Uninsured”   | <u>Detroit News</u> (Sept. 14, 1992)  | Op-ed Article           |
| 77. | 1992        | “Idees Fausses sur le System de Santé”  | <u>Le Figaro</u> (Oct. 2, 1992)   | Op-ed Article           |
| 78. | 1992        | “Die Gesundheitsversorgung der nichtversicherten Bevölkerung in den USA”                              | <u>Schweizerische Ärztezeitung</u> , Vol. 73, No. 50 (Sept. 12, 1992), pp. 1961-1962  | Short Article           |
| 79. | 1992        | Review of <u>Serious and Unstable Condition: Financing America's Health Care</u> , by Henry J. Aaron  | <u>Journal of Economic Literature</u> , Vol. XXX, No. 4 (Dec. 1992), pp. 2165-2166  | Book Review             |
| 80. | 1993        | “Health Insurance: Designing Products to Reduce Costs”  | <u>Industry Studies</u> , ed. by Larry L. Duetsch, Englewood Cliffs, N.J.: Prentice Hall, 1993, pp. 307-323   | Article                 |
| 81. | 1993        | “The Impact of New Developments in Health Economics and Health Policy on the Pharmaceutical Industry” | <u>Médicament économie et société: nouvelles approches</u> , Paris: John Libby Euro-text, 1993, pp. 11-16   | Article                 |
| 82. | 1993        | “What Can Reform Achieve in Health Care Cost-Containment: Commentary”                                 | <u>American Health Policy: Critical Issues for Reform</u> , ed. by Robert B. Helms, Washington, D.C.: American Enterprise Institute, 1993, pp.298-302         | Comment                 |
| 83. | 1993        | “Predatory Pricing and the Meaning of Intent” (with William S. Comanor)                               | <u>Antitrust Bulletin</u> , Vol. XXXVIII, No. 2 (Summer 1993), pp. 293-308  | Article                 |
| 84. | 1993        | “Vertical Contracts: A Natural Experiment in Gas Pipeline Regulation” (with Stephen J. DeCanio)       | <u>Journal of Institutional and Theoretical Economics</u> ( <u>Zeitschrift für die gesamte Staatswissenschaft</u> ), Vol. 149 (No. 2)(June 1993), pp. 370-392 | Article                 |
| 85. | 1993        | “Managed Care and Cost Savings”   | <u>Managed Care Quarterly</u> , Vol. 1 (No. 4)(Autumn 1993), pp. 46-47  | Solicited Short Article |

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|-----|-------------|--|--|------------------------------|
| 86. | 1993        | “Économie de la Santé”   | <u>Revue d'Économie Politique</u> , Vol. 103, No. 4 (July-Aug.), pp. 609-611   | Book Review                  |
| 87. | 1994        | “Business and Economics: Bridging the Divide” (with Eleanor Morgan and Mick Silver)  | <u>Journal of the Economics of Business</u> , Vol. I, No. 1, pp. 3-7   | Article                      |
| 88. | 1994        | “Firm Growth and Failure in Increasingly Competitive Markets: Theory and Application to Hospital Markets” (with Lee Rivers Mobley) | <u>Journal of the Economics of Business</u> , Vol. I, No. 1, pp. 77-94   | Article                      |
| 89. | 1994        | “State-Dependent Utility and the Tort System as Insurance: Strict Liability versus Negligence”                                     | <u>International Review of Law and Economics</u> , Vol. 14, No. 3 (Sept.), pp. 261-272   | Article                      |
| 90. | 1995        | “European versus American Economics, Artificial Intelligence and Scientific Content”   | <u>Kyklos</u> , Vol. 48 (1995), pp. 219-226  | Article                      |
| 91. | 1995        | “Resolving the Impasse on Hospital Scale Economies: A New Approach” (with Lee Rivers Mobley)                                       | <u>Applied Economics</u> , Vol. 27 (1995), pp. 286-296   | Article                      |
| 92. | 1996        | <u>Competition and Monopoly in Medical Care</u>  | American Enterprise Institute for Public Policy Research   | Book                         |
| 93. | 1996        | “Risks That Rise with Mandates”  | <u>Washington Times</u> (Oct. 22)<br><br>Reprinted as “The Health Insurance Mandates: Bad Economics and Bad Policy”, <u>AEI On the Issues</u> (Dec.) | Op-ed Article<br><br>Reprint |
| 94. | 1997        | “The Nonequivalence of Vertical Merger and Exclusive Dealing”  | <u>Int'l. Journal of the Economics of Business</u> , Vol. 4, No. 1 (Feb.), pp. 33-50   | Article                      |
| 95. | 1997        | “A Small Step in the Right Direction” (with Kenneth L. Danger)   | CNN/Time All Politics Counterpoints Website (electronic publishing)  | Op-Ed Article                |
| 96. | 1997        | “Reforming Medicare: Statement”  | <u>Hearings: U.S. Senate Committee on the Budget</u> , Jan. 23, Reforming Medicare, Vol. II of III, pp. 18-23  | Written & Oral Testimony     |

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|------|-------------|---|--|------------------|
| 97.  | 1997        | Special Issue: Symposium on the US Brand Name Prescription Drug Antitrust Litigation  | <u>International Journal of the Economics of Business</u> , Vol. 5, No. 3 (Nov.)   | Edited Symposium |
| 98.  | 1997        | “Introduction to Symposium on the US Brand Name Prescription Drug Antitrust Litigation”   | <u>International Journal of the Economics of Business</u> , Vol. 5, No. 3 (Nov.), pp. 237-238  | Introduction     |
| 99.  | 1997        | “Exclusive Contracts Between Hospitals and Physicians: The Antitrust Issues” (with Kenneth L. Danger)   | (electronic) <u>Health Economic Letters</u> , Vol. 1, No. 4 (1997), pp. 21-26<br><br>Reprinted in (hard copy) <u>Health Economics</u> , Vol. 7 (1998), pp. 175-178 | Short Article    |
| 100. | 1998        | “Health Insurance: Designing Products to Reduce Costs” (with Lee R. Mobley)   | <u>Industry Studies</u> (2 <sup>nd</sup> Ed.), ed. by Larry Deutsch K. Armonk, NY: M.E. Sharpe   | Article          |
| 101. | 1998        | “How Productive is Drug Consumption?” (with Richard D. Miller, Jr.)   | Pfizer Forum Europe in <u>The Economist</u> and <u>The Financial Times</u> (cir. Feb., 1998)   | Op-Ed Article    |
| 102. | 1999        | <u>The Productivity of Health Care and Pharmaceuticals: an International Comparison</u> (with Richard D. Miller, Jr.)   | American Enterprise Institute for Public Policy Research   | Book             |
| 103. | 1999        | "The Impact of HMOs on Distance Traveled by Hospital Patients: Evidence from California" (with Lee R. Mobley)   | <u>Antitrust Report</u> (April), ppp. 2-18<br><br>Reprinted (shorter form) in <u>Health Care Law Monthly</u> (September 1999), pp. 14-21                           | Article          |
| 104. | 1999        | “The Forgotten Opportunity of Reforming Fee-for-Service Medicare”<br>(Titled “Reform of Fee-for-Service Medicare: The Forgotten Opportunity” in Fall 1998 review) | <u>Medicare in the Twenty-first Century</u> , ed. Robert B. Helms, Washington, D.C., AEJ Press, pp. 107-123  | Chapter reprint  |
| 105. | 1999        | “Medicare Reform”   | Hearings before the Committee on Finance, US Senate, First Session, May 5, pp. 55-66, 449  | Testimony        |
| 106. | 2000        | “Efficiency, Growth, and Concentration: An Empirical Analysis of Hospital Markets” (with Lee R. Mobley)   | <u>Economic Inquiry</u> , Vol. 38, No. 3 (July), pp. 369-384   | Article          |
| 107. | 2000        | “Managed Care, Distance Travelled and Hospital Market Definition” (with Lee R. Mobley)  | <u>Inquiry</u> , Vol. 37, No. 1 (Spring), pp. 91-107   | Article          |

|      | <u>YEAR</u> | <u>TITLE</u>   | <u>PUBLISHER</u>  | <u>CATEGORY</u>  |
|------|-------------|--|---|------------------|
| 108. | 2000        | “Physician Fees and Price Controls”  | <u>American Health Care</u> , ed. Roger Feldman, New Brunswick. Transaction Publishers, pp. 346-364 | Chapter reprint  |
| 109. | 2000        | "Managed Care and Hospital Markets: HMOs v. PPOs v. Kaiser" (with Lee R. Mobley)   | <u>Antitrust Report</u> , (July), pp. 17-35   | Article          |
| 110. | 2000        | "Is There a Link Between Pharmaceutical Consumption and Improved Health in OECD Countries?" (with Richard D. Miller, Jr.)                          | <u>Pharmacoeconomics</u> , Vol. 18, Supp. 1, pp. 33-45  | Article          |
| 111. | 2001        | “Critical Thinking About ‘Critical Loss’ in Antitrust” (with Kenneth L. Danger),   | <u>Antitrust Bulletin</u> , Vol. 46, No. 2 (Summer), pp. 339-356                                    | Article          |
| 112. | 2001        | “The Rise of Private Health Insurance in Australia: Early Effects on Insurance and Hospital Markets” (with Sandra Hopkins)                         | <u>Economic and Labor Relations Review</u> , Vol. 12, No. 2 (December), pp. 225-238                 | Article          |
| 113. | 2002        | “The Competitive Revolution: Health and Medicine”  | <u>Regulation</u> , Vol. 25, No. 2 (Summer), pp. 52-57  | Article          |
| 114. | 2002        | “Corporate Demography and Empirical Industrial Organization: A Critical Appraisal”   | <u>International Journal of the Economics of Business</u> , Vol. 9, No. 3 (November), pp. 437-448   | Article          |
| 115. | 2003        | “The Australian Private Health Insurance Boom: Was it Subsidies of Liberalized Regulation?” (with Sandra Hopkins and Gary MacDonald)               | <u>Economic Papers</u> , Vol. 22, No. 1 (March), pp. 58-64  | Article          |
| 116. | 2003        | Special Issue: Gasoline Distribution, Price Discrimination and Uniform Pricing   | <u>International Journal of the Economics of Business</u> , Vol. 10, No. 2 (July)                   | Edited Symposium |
| 117. | 2003        | “Introduction to Symposium on Gasoline Distribution, Price Discrimination and Uniform Pricing”   | <u>International Journal of the Economics of Business</u> , Vol. 10, No. 2 (July), p. 133           | Introduction     |
| 118. | 2004        | “Elzing-Hogarty Tests and Alternative Approaches for Market Share Calculations in Hospital Markets” (with James Langenfeld and R. Forrest McCluer) | <u>Antitrust Law Journal</u> , Vol. 71, No. 3, pp. 921-948  | Article          |
| 119. | 2004        | <u>Health Care Matters: Pharmaceuticals, Obesity and the Quality of Life</u> (with Richard D. Miller, Jr.)   | American Enterprise Institute for Public Policy Research  | Book             |

|      | <u>YEAR</u> | <u>TITLE</u>   | <u>PUBLISHER</u>  | <u>CATEGORY</u> |
|------|-------------|--|---|-----------------|
| 120. | 2004        | “The Effects of Pharmaceutical Consumption and Obesity on the Quality of Life in the Organization of Economic Cooperation and Development (OECD) Countries,” (with Richard D. Miller, Jr.) | <u>Pharmacoeconomics</u> , Vol. 22, Suppt. 2, pp. 25-36   | Article         |
| 121  | 2004        | “Why Subsidize Private Health Insurance?” (with Sandra Hopkins)  | <u>Australian Economic Review</u> , Vol. 37, No. 3 (Sept.), pp. 243-256                             | Article         |
| 122  | 2005        | “Review of <u>Managed Care and Monopoly Power: the Antitrust Challenge</u> , by Deborah Haas-Wilson”   | <u>Journal of Economic Literature</u> , Vol. XLII, No. 2 (June), pp. 508-510                        | Book Review     |
| 123  | 2006        | “Is the United States an outlier in health care and health outcomes? A preliminary analysis” (with William S. Comanor and Richard D. Miller, Jr.)  | <u>International Journal of Health Care Finance and Economics</u> , Vol. 6, No. 1 (March), pp. 3-23 | Article         |

B. WORK IN-PRESS, SUBMITTED, IN-PROGRESS

IN-PRESS

“An Economic Assessment of Damage Caps in Medical Malpractice Litigation Imposed by State Laws and the Implications for Federal Policy and Law”, (with William Hamm and C. Paul Wazzan). Health Matrix: Journal of Law-Medicine, Vol. 16, Issue 2, 2006. Case Western Reserve University School of Law

“Controlling Medical Malpractice Insurance Costs – Congressional Act or Voter Proposition?” (with William Hamm and C. Paul Wazzan) Indiana Health Law Review, Vol. 3, Issue 1, 2006. University of Indiana School of Law

IN-PROGRESS

"Where do HMOs and PPOs Locate? Debunking an Urban Myth" (with Lee R. Mobley and James Grefer)

“Spatial Interaction, Hospital Pricing and Hospital Antitrust” (with Lee R. Mobley and Luc Anselin)

“Private Health Insurance and Health Care Utilization In Australia” (With Sandra Hokpins and Michael P. Kidd)

“Prison Health Care” (with Kelly Bedard)

Working Papers

“An Essay on State-Dependent Utility, the Tort System as Insurance and Strict Liability versus Negligence”, Working Paper in Economics No. 7-93, UCSB

“The Impact of Antitrust Exemptions for Health Care Professionals on Health Care Costs” (with James Langenfeld), LECG Working Paper, June 23, 2000

“Managed Health Care Effects: Medical Care Costs and Access to Health Insurance” (with James Langenfeld and Michaelyn Corbett) Working Paper in Economics #12-00, Nov. 2000, UCSB

“Critical Thinking About ‘Critical Loss’ in Antitrust” (with Kenneth L. Danger), U.S. DOJ Economic Analysis Group Discussion Paper, No. 01-4, 2001

“Why Subsidize Private Health Insurance?” (with Sandra Hopkins), Working Paper Series, No. 03.03, April 2003, School of Economics and Finance, Curtin University

“MICRA and Access to Healthcare,” (with William G. Hamm and C. Paul Wazzan), LECG, Feb., 2005

In-Draft

“The Impact of Managed Health Care on Medical Care Costs and Access to Health Insurance” (with James Langenfeld), prepared for the Health Benefits Coalition, May 2000

## Published Teaching Materials

| <u>YEAR</u> | <u>TITLE</u>  | <u>PUBLISHER</u>   | <u>CATEGORY</u>   |
|-------------|---|--|-------------------|
| 1990        | “Capital Theory and Uncertainty: Reading List and Exams”  | <u>Microeconomics Reading Lists</u> , compiled by Edward Tower, Durham, N.C.: Eno River Press  | Course<br>Outline |
| 1990        | “Industrial Organization: Reading List and Exams”         | <u>Industrial Organization and Regulation Reading Lists</u> , compiled by Edward Tower, Durham, N.C.: Eno River Press                  | Course<br>Outline |
| 1995        | “Microeconomic Theory (Econ 210): Reading List and Exams” | <u>Microeconomics Reading Lists</u> , compiled by Edward Tower, Durham, N.C.: Eno River Press  | Course<br>Outline |
| 1995        | “Soviet Economics (Econ 108): Reading List and Exams”     | <u>National Economies, Comparative Transition and Planning Reading Lists</u> , compiled by Edward Tower, Durham, N.C.: Eno River Press | Course<br>Outline |
| 1995        | “Health Economics (Econ 170): Reading List”               | <u>Urban, Rural, Regional: Law and Crime; Health Education Reading Lists</u> , compiled by Edward Tower, Durham, N.C.: Eno River Press | Course<br>Outline |



C. PROFESSIONAL AND/OR CREATIVE ACTIVITY1. Editorial Activity

1980-81 Associate Editor, Economic Inquiry  
 1981-84 Editorial Board, American Economic Review  
 1982-88 Co-editor, Health Policy Series, Pacific Research Institute for Public Policy Research  
 1991-97 Editorial Board, Economic Inquiry  
 1991- Series Editor, "Health Economics and Public Policy," Kluwer Academic Publishers  
 1992- Editor for North America, International Journal of the Economics of Business  
 1996-2000 Member, Board of Referees, Encyclopedia of Law and Economics  
 1999- Editorial Board, Regulation  
 1999- Editorial Board, International Journal of Health Care Finance and Economics

2. Refereeing

|   |  |
|---|--|
| <u>American Economic Review</u>                                   | <u>Rand Journal of Economics</u>                         |
| <u>Applied Economics</u>  | <u>Research in Law and Economics</u>                     |
| <u>Canadian Journal of Economics</u>                              | <u>Review of Economics and Statistics</u>                |
| <u>Contemporary Economic Policy</u>                               | <u>Review of Industrial Organization</u>                 |
| <u>Economic Inquiry</u>   | <u>Scandinavian Journal of Economics</u>                 |
| <u>Economic Record</u>  | <u>Social Science Quarterly</u>                          |
| <u>European Journal of Health Economics</u>                       | <u>Social Sciences and Medicine</u>                      |
| <u>Health Affairs</u>   | <u>Southern Economic Journal</u>                         |
| <u>Health Economics</u>   | <u>Urban Studies</u>                                     |
| <u>Health Economics Letters</u>                                   | <u>Zeitschrift für die gesamte Staatswissenschaft</u>    |
| <u>Health Services Research</u>                                   | American Enterprise Institute for Public Policy Research |
| <u>International Journal of Health Care Finance and Economics</u> | American Medical Association                             |
| <u>International Journal of Health Geographics</u>                | Financial Time – Prentice Hall                           |
| <u>International Journal of Industrial Organization</u>           | Goodyear Publishing                                      |
| <u>International Review of Law and Economics</u>                  | Harvard University Press                                 |
| <u>Journal of Business</u>  | John Wiley Publishing                                    |
| <u>Journal of Comparative Economics</u>                           | Kluwer Academic Publishers                               |
| <u>Journal of Econometrics</u>                                    | MacMillan Publishing                                     |
| <u>Journal of Economic Behavior and Organization</u>              | National Science Foundation                              |
| <u>Journal of Economic Education</u>                              | Sea Grant  |
| <u>Journal of Environmental Economics and Management</u>          | Soc. Sci. & Humanities Research Council of Canada        |
| <u>Journal of Health Economics</u>                                | Springer Verlag  |
| <u>Journal of Health Politics, Policy and Law</u>                 | Stanford University Press                                |
| <u>Journal of Industrial Economics</u>                            | U.S. Department of Commerce                              |
| <u>Journal of Law and Economics</u>                               | U.S. Department of Health, Education and Welfare         |
| <u>Journal of Political Economy</u>                               | U.S. Federal Trade Commission                            |
| <u>Journal of Public Economics</u>                                | University of Chicago Press                              |
| <u>Journal of Public Policy Analysis and Management</u>           | University of Michigan Press                             |
| <u>Journal of Regulatory Economics</u>                            | Urban Institute Press                                    |
| <u>Journal of Theoretical Biology</u>                             | Wadsworth Publishing                                     |
| <u>Managerial and Decision Economics</u>                          |  |
| <u>Medical Care</u>   |  |
| <u>Nova Economica</u>   |  |
| <u>Public Choice</u>  |  |
| <u>Public Finance Quarterly</u>                                   |  |
| <u>Quarterly Journal of Economics</u>                             |  |
| <u>Quarterly Review of Economics and Business</u>                 |  |

3. Other Professional Activity

- 1972- Consultant, Department of Health, Education and Welfare
- 1975 Consultant, ABT Associates, Cambridge, MA  
Consultant, U.S. Federal Trade Commission  
Paper Presented, “The Regulation of Health Insurance”, Industrial Organization Workshop, University of Chicago, February 20  
Paper Presented, “The Regulation of Health Insurance: A Theoretical and Empirical Analysis”, A.T. & T. Seminar on Problems of Regulation and Public Utilities, Dartmouth College, Hanover, NH, August 5  
Paper Presented, “Regulatory Reform: The Case of the Medical Care Industry”, the Health Services Research Workshop, University of Chicago, November 6
- 1976 Paper Presented, “The Coase Theorem in the Long Run: The Non-equivalence of Liability Rules and Property Rights”, the Western Economic Association Meetings, San Francisco, CA, June 26
- 1977 Paper Presented, “The Property Rights Theory of the Firm and Competitive Markets for Top Decision-Makers”, Industrial Organization and Labor Seminars, Harvard University, April 11 and July 14  
Paper Presented, “Competition Among Health Insurers”, U.S. Federal Trade Commission Conference on Competition in the Health Care Sector, June 1  
Paper Presented, “Medical Monopoly: The Potential for Anti-trust Policy”, American Enterprise Institute for Public Policy Research Conference, Washington, D.C.
- 1978- Paper Presented, “Survey of Quantitative Research on Competition in Health Care”, U.S. DHEW conference, San Diego, CA, June 18  
Consultant, Office of the Attorney General, State of California  
Antitrust Consultant, various firms and government agencies
- 1979 Invited Paper Presented, “Injunction as a Legal Remedy”, Conference of the Association of American Law Schools, Chicago, IL, January 5  
Paper Presented, “Property Rights and Competition in Health Insurance: Multiple Objectives for Nonprofit Firms”, Western Economic Association Meetings, Las Vegas, CA, June 16  
Paper Presented, “Blue Cross, Blue Shield and Health Care Costs: A Review of the Economic Evidence”, American Enterprise Institute for Public Policy Analysis Conference, Washington, D.C., October 6
- 1980 Paper Presented, “Competition, Concentration and Public Policy in the Media: A Survey of Research” (with Linda Neilsen), Eighth Annual Telecommunications Policy Conference, Annapolis, MD, April 27-30  
Participant, Conference on Evolution and the Law, Law and Economics Center, University of Miami, May 16-18  
Participant, Legal Institute for Economists, Law and Economics Center, University of Miami, June 13-27  
Organizer and Chairman, Conference on Competition in the Media, sponsored by the Foundation for Economics and Education, Los Angeles, July 12  
Paper Presented, “Nursing Home Costs: Government Financing, Ownership and Efficiency” (with Paul B. Ginsburg), International Institute for Applied Systems Analysis, Vienna, Austria, September 3  
Paper Presented, “Nursing Home Costs: Government Financing, Ownership and Efficiency” (with Paul B. Ginsburg), World Congress of Health Economics, Leyden, The Netherlands, September 11  
Paper Presented, “The Long-Lost Free Market in Health Care: Government Regulation in Medicine”, Conference on Health Care-Professional Ethics, Government Regulation, or Markets, sponsored by the American Enterprise Institute for Public Policy Research, Washington, D.C., September 25-26  
Paper Presented, “The California Coastal Commissions: Economic Impacts”, “The Housing and Construction Crisis: California and the Nation” Conference, Pacific Institute for Public Policy Research, Los Angeles, CA, November 7-9
- 1981 Paper Presented, “Competition in Health Care: The Potential of Antitrust Policy”, Program on Antitrust in the Health Care Field, sponsored by the National Health Lawyers Association, Washington, D.C., January 7-8

- Participant, Special Conference on Bureaucracy, sponsored by the Law and Economics Center, Emory University, Atlanta, GA, May 15-17
- Participant, Health Policy Working Group, American Enterprise Institute for Public Policy Analysis, Washington, D.C., October 1
- Referee, promotion to Full Professor, University of Illinois, University of Wisconsin-Milwaukee
- Speaker, Jeffersonian Club, Santa Barbara, May 15
- Referee, promotion to tenure, Cornell University
- Paper Presented, "Property Rights and Wages: The Case of Nursing Homes" (with Paul Ginsburg and George Borjas), Southern Economic Association Meeting, New Orleans, November
- 1981- Consultant, Arthur Young and Company  
Board of Economic Advisors, Orkand Corporation
- 1982 Paper Presented, "The Competitive Effect of Exclusive Dealing", Legal and Economic Institutions Workshop, University of Chicago, October
- Paper Presented, "Property Rights and Wages: The Case of Nursing Homes", Health Services Research Workshop, University of Chicago, November
- Participant, Workshop on the Economic Organizaion of Higher Education, Law and Economics Center, Emory University, October
- Paper Presented, "The Competitive Effect of Exclusive Dealing", Applied Microeconomics Workshop, Northwestern University, October
- Paper Presented, "Property Rights and Wages: The Case of Nursing Homes", Health Services Research Workshop, Northwestern University, November
- Paper Presented, "The Competitive Effect of Exclusive Dealing", University of Illinois, Champaign-Urbana, November
- Testified, California Senate Finance Committee, on costs of procuring animals for scientific research
- 1983 Referee, promotion to Tenure, Purdue University
- Paper Presented, "Strategic Behavior and Antitrust Analysis" (with William S. Comanor), American Economic Association Meeting, December 28
- 1984 Discussant, Conference on Insurance Market Regulation, International Institute for Management, Berlin, January 8-12
- Paper Presented, "Monopsony and Physician Pricing", International Institute for Management, Berlin, January 13
- Paper Presented, "The American Health Care System", Conference on National Health Systems, Ecole Superior de Commerce de Paris and RES SANTE, Paris, May 24-25
- Paper Presented, "Property Rights and Behavior: The Case of American Nursing Homes", Conference on the New Institutional Economics, Mettlach/Saar, West Germany, June 27-29
- Testified, Massachusetts Joint Legislative Committee on Insurance, on the economic effects of Blue Shield ban on balance billing by physicians
- Paper Presented, "The Property Rights Theory of the Firm: Some Evidence from the U.S. Nursing Home Industry", International Institute for Management, Berlin, July 1
- Summarizer, Conference on Antitrust and Economic Efficiency, Hoover Institution, Stanford University, August 30-31
- 1984- Academic Associate, Institute for Contemporary Studies
- 1985 Testified, Massachusetts Insurance Commission Hearings on Blue Shield rate increases
- Referee, promotion to Full Professor, Dartmouth College
- Paper Presented, "Deterring Fraud: The Role of Resale Price Maintenance", Antitrust Division, U.S. Department of Justice, August 5
- Paper Presented, "Deterring Fraud: The Role of Resale Price Maintenance", University of California, San Deigo, October 22
- Referee, promotion to Tenure, University of Illinois

- 1986 Paper Presented, “Deterring Fraud: The Role of Resale Price Maintenance”, Washington University, St. Louis, MO, April 8  
Paper Presented, “Hospital Antitrust: Discussion”, Conference on Mergers in Health Care: The Performance of Multi-Institutional Organizations, Project HOPE, Millwood, VA, April 11  
Paper Presented, “Economic Questions in Health Antitrust Cases”, Conference on Economists' Perspectives on Antitrust Today, Charles River Associates, Boston, MA, April 18  
Referee, Salary Dispute, University of Southern California  
Paper Presented, “Competition Among Hospitals”, Health Services Research Workshop, University of Chicago, November 13  
Paper Presented, “Monopoly in Health Insurance: The Economics of Kartell v. Massachusetts Blue Shield”, Center for Health Policy Research, American Medical Assoc., Chicago, IL, Nov. 14  
Testified, Massachusetts Insurance Commission Hearings on Malpractice Premium and Blue Shield Physician Allowances  
Referee, promotion to tenure, Iowa State University
- 1987 Consultant, American Medical Association  
Paper Presented, “Information and Hospital Competition”, Claremont Graduate Center, Nov. 23  
Testified, Massachusetts Insurance Commission Hearings on Malpractice Premium and Blue Shield Physician Allowances
- 1988 Paper Presented, “Competition Among Hospitals”, U.C. Berkeley Industrial Organization Workshop, May 3  
Paper Presented, “Competition Among Hospitals”, U.C.L.A. Industrial Organization Workshop, May 13  
Referee, promotion to Tenure, Yale University  
Referee, promotion to Tenure, University of Connecticut  
Discussant, Conference on Medicare Physician Payment, AMA and University of Pennsylvania, Nov. 29  
Moderator, Business/Academic Roundtable on Health Care Issues, University of Arizona, Dec. 3  
Testified, Massachusetts Insurance Commission Hearings on Malpractice Premium and Blue Shield Allowance
- 1989 Conference Organizer, Regulating Doctor's Fees: Competition, Benefits and Controls under Medicare, American Enterprise Institute, Washington, D. C. April 17, 18  
Member, American Bar Association Committee on Criminal Antitrust Prosecution in Health Care
- 1990 Conference Co-Organizer, Second World Congress on Health Economics, Zurich, Switzerland, Sept. 10-15, 1990  
Paper Presented, “Consumer Information, Price and Nonprice Competition Among Hospitals”, Second World Congress on Health Economics, Zurich, Switzerland, Sept. 15, 1990  
Referee, Promotion to Professor Step VI, University of California, Berkeley  
Referee, Promotion to Tenure, University of Southern California  
Referee, Promotion to Full Professor, Georgetown University  
Referee, Promotion to Full Professor, Clark University  
Referee, Promotion to Full Professor, North Carolina State University  
Paper Presented, “Vertical Contracts: Empirical Results from a Natural Experiment in Natural Gas Pipeline Regulation”, UCSB, Nov. 7, 1990  
Member, American Bar Association Committee on Criminal Antitrust Prosecution in Health Care
- 1991 Paper Presented, “Vertical Contracts: Empirical Results from a Natural Experiment in Natural Gas Pipeline Regulation”, UCLA, March 8, 1991  
Discussant, Health Economics Symposium, University of Rochester, May 17, 18  
Member, American Bar Association Committee on Criminal Antitrust Prosecution in Health Care  
Paper Presented, “Predatory Pricing and the Meaning of Intent”, UCSB, Nov. 11  
Paper Presented, “Vertical Contracts: A Natural Experiment in Gas Pipeline Regulation”, USC, Dec. 6  
Discussant: Conference, “American Health Policy: Critical Issues for Reform,” American Enterprise Institute, Washington, D.C., Oct. 3, 1991
- 1992 Discussant, Session on Industrial Organization, American Economic Association Meetings, New Orleans, Jan. 3

- Paper Presented, “Firm Growth and Failure in Increasingly Competitive Markets,” American Economic Association Meetings, New Orleans, Jan. 3
- Member, American Bar Association Committee on Criminal Antitrust Prosecution in Health Care
- Paper Presented, “The Impact of New Developments in Health Economics and Health Policy on the Pharmaceutical Industry,” Syndicate National de L’Industrie Pharmaceutique Symposium, Cannes, France, June 3
- Participant, Round Table on Proposals for the Year 2,000, Syndicate National de L’Industrie Pharmaceutique Symposium, Cannes, France, June 3
- Paper Presented, “The Impact of New Developments in Health Economics and Health Policy on the Pharmaceutical Industry,” Sciences Politique, Paris, June 10
- Paper Presented, “Health Insurance Competition,” Sciences Po, Paris, June 12
- Paper Presented, “Health Insurance Competition,” University of Zurich, June 15
- Lecture, “Overview of International Systems: How Can We Combine Universal Health Care with a Market System?” US-Japan Health Care Exchange, Council of State Governments, San Francisco, Sept. 12
- 1993 Participant, “Competition Policy in a Global Economy” Workshop, UCSB, Jan. 8-9
- Lecture, “New Developments in Health Economics and Health Policy,” Public Affairs Council, The Conference Board, Santa Barbara, Feb. 11
- Lecture, “Health Care Market Developments, Health Economics and Health Policy,” Chancellor’s Symposium, UCSB, Feb. 24
- Paper Presented, “Competition Among Hospitals,” Sciences Politique, Paris, June 5
- Paper Presented, “State-Dependent Utility and the Tort System as Insurance: Strict Liability versus Negligence,” European Association for Law and Economics, Lund, Sweden, Aug. 20
- Discussant, European Association for Law and Economics, Lund, Sweden, Aug. 19
- Paper Presented, “Competition Among Hospitals in the U.S.,” University of Zurich and Swiss Institute of Public Health, Zurich, Aug. 26
- Lecture, “Health Care Reform: Can We Afford It? UCSB Town Forum, Santa Barbara, Nov. 3
- Panel Member, Conference on Health Care Reform Strategies and Central Europe, Project Hope, Prague, The Czech Republic, Nov. 11
- Member, American Bar Association Committee on Criminal Antitrust Prosecution in Health Care
- 1994 Lecture, “Health Care Reform,” Chancellor’s Symposium, UCSB, Feb. 14
- Lecture, “Competition in Health Markets: Predicting the Effects of Reform,” American Enterprise Institute, Washington, D.C., April 18
- Lectures, “Health Economics and U.S. Health Reform,” Sciences Po, Paris, June 15-17
- Lecture, “Physician Fees and Price Control,” Independent Institute, Washington, D.C., Sept. 19
- Member, American Bar Association Committee on Criminal Antitrust Prosecution in Health Care
- 1995 Member, American Bar Association Committee on Criminal Antitrust Prosecution in Health Care
- Discussant, “Economic Analysis of the Regulation of Safety and Health,” American Economic Assoc., Washington, D.C., Jan. 6
- Participant, American Law & Economics Association, Berkeley, May 12-13
- Paper Presented, “The Nonequivalence of Exclusive Dealing and Vertical Merger,” Western Economic Assn., San Diego, July 6
- Discussant, “State Franchise Termination Laws and Exit,” Western Economic Assoc., San Diego, July 7
- Discussant, “The Increasing Role of Competition in Natural Gas Markets,” Western Economics Assoc., San Diego, July 7
- Lectures, “Health Economics and the Failure of U.S. Health Reform,” Sciences Po, Paris, Aug. 16-25
- Lectures, “Industrial Organization,” Sciences Po, Paris, Aug. 17-24
- 1996 Paper Presented, “The Demsetz Hypothesis and Hospital Markets: An Empirical Analysis,” American Economic Assoc., San Francisco, Jan. 7
- Member, American Bar Assoc. Committee on Criminal Antitrust Prosecution in Health Care
- Referee, promotion to Full Professor, Washington State University
- Referee, promotion to Full Professor, University of Illinois

- Referee, promotion to Tenure, Brigham Young University  
Lectures, “Health Economics and Health Policy,” Sciences Po, Paris, Aug. 5-9  
Participant, Conference, “Defining Competition in Markets: How and Why?” Robert Wood Johnson Foundation, Reston, VA, Nov. 14-15
- 1997 Testimony, Senate Budget Committee, 105th Congress, Jan. 23  
Lecture, “Cost Control and Medicare Budgets,” Economics Symposium, UCSB Town Forum, April 17  
Paper Presented, “The Productivity of Health Care and Pharmaceuticals: An International Comparison,” UCLA, April 7  
Paper Presented, “The Demsetz Hypothesis and Hospital Markets,” Federal Trade Commission, May 1  
Member, American Bar Assoc. Committee on Criminal Antitrust Prosecution in Health Care  
Paper Presented, “The Productivity of Health Care and Pharmaceuticals: An International Comparison”, Interpharma, Basel, Switzerland, Aug. 21  
Paper Presented, “The Productivity of Health Care and Pharmaceuticals: An International Comparison, Ad Hoc Group on Pharmaceutical Economics, New York, Nov. 6, New York  
Lectures, “Industrial Organization”, Sciences Po, Paris, Aug. 25-29  
Paper Presented, “The Demsetz Hypothesis and Hospital Markets”, European Assoc. for Industry Economics, Leuven, Belgium, Sept. 1  
Referee, promotion to Tenure, Ohio University  
Referee, promotion to Full Professor, Carnegie Mellon  
Referee, promotion to Full Professor, Smith College  
Referee, promotion to Tenure, Virginia Tech
- 1998 Session Chair, “Issues in Industrial Organization”, American Economic Association/Industrial Organization Society, Chicago, Jan. 3  
Paper Presented, “Distance Travelled and Hospital Market Definition”, American Economic Association, Chicago, Jan. 5  
Paper Presented, “Where the Patients Are: How Large are Hospital Markets?” American Enterprise Institute, Washington, D.C., March 20  
Paper Presented, “The Productivity of Health Care and Pharmaceuticals: An International Comparison,” Robert Wood Johnson Foundation Visitor, U.C. Berkeley, April 17  
Lectures, “Industrial Organization”, Sciences Po, Paris, July 27-31  
Member, American Bar Association Committee on Criminal Antitrust Prosecution in Health Care  
Referee, promotion to tenure, University of Pennsylvania  
Paper Presented, “The Market and Health”, Colloquium on Health, the Environment, and Development, UCLA, Nov. 18
- 1999 Paper Presented, “The Productivity of Health Care and Pharmaceuticals: An International Comparison”, American Enterprise Institute, Washington, D.C., April 16  
Testimony, Senate Finance Committee, 106th Congress, May 5  
Paper Presented, “Reform of Fee-for-Service Medicare: The Forgotten Opportunity”, American Enterprise Institute, Washington, D.C., May 7  
Lectures, “Industrial Organization”, Sciences Po, Paris, Aug. 2-6  
Referee, Promotion to tenure, Pennsylvania State University  
Paper Presented, “Managed Care, Distance Traveled and Hospital Market Definition”, Int'l. Health Economic Assoc., Rotterdam, June 9  
Paper Presented, “Managed Care, Distance Traveled and Hospital Market Definition”, Health Economic Research Assoc., Oslo, June 12  
Panel Member, Hospital Mergers, National Association of Attorneys General Antitrust Seminar, Austin, Texas, Oct. 7  
Lecture, “What You Should Know About HMOs,” UCSB Town Forum, Dec. 1
- 2000 Lectures, “Industrial Organization,” Sciences Po, Paris, July 17-21  
Paper Presented, “Critical Thinking about ‘Critical Loss’ in Antitrust”, UCSB, Nov. 27

- 2001 Panel Member, "Ethical and Economic Issues in Health Care", UCSB, Jan. 29  
Paper Presented, "The Productivity of Health Care and Pharmaceuticals in the OECD: Quality of Life and Cause of Death," Curtin University, Perth, Australia, June 21  
Paper Presented, "Health Care and Pharmaceuticals: Mortality by Cause and Disability-Adjusted Mortality," International Health Economics Association, York, England, July 24  
Paper Presented, "Pharmaceutical Prices and Expenditures," International Health Economics Association, York, England, July 24  
Lectures, "Industrial Organization," Sciences Po, Paris, July 30-Aug 3
- 2002 Discussant, "Hospital Competition and Antitrust," Allied Social Science Assoc., Atlanta, Jan. 4  
Paper Presented, "The Relationship between Pharmaceutical Consumption and Mortality and Morbidity in OECD Countries," American Enterprise Institute and National Pharmaceutical Council, Washington, D.C., Jan. 29  
External Reviewer, Economics Department, California State, Hayward  
Member, Scientific Committee for International Health Economics Assoc. 2003 meetings  
Participant, Conference on the Law and Economics of Child Support, UCSB, Sept. 20  
Participant, Conference on Health Economics Research, American Enterprise Institute, Washington, D.C., Dec. 10, 11  
Lectures, "Industrial Organization," Sciences Po, Paris, July 31-Aug 5
- 2003 Testimony, on Defining Geographic Markets for Hospitals, Joint FTC/DOJ Hearings on Health Care Competition, Law and Policy, Washington, D.C. Mar. 26  
Testimony, on Single Specialty Hospitals, Joint FTC/DOJ Hearings on Health Care Competition, Law and Policy, Washington, D.C., Mar. 27  
Lecture, "Modernizing Medicare: Let's Pick the Low-Hanging Fruit," Assoc. for Private Enterprise Education, Las Vegas, Nevada, Apr. 7  
Testimony, on Health Insurance Monopsony Market Definition, Joint FTC/DOJ Hearings on Health Care Competition, Law and Policy, Washington, D.C., Apr. 24  
Testimony, on Health Insurance Monopsony Competitive Effects, Joint FTC/DOJ Hearings on Health Care Competition, Law and Policy, Washington, D.C., Apr. 25  
Paper Presented, "Is the United States an Outlier in Health Care and Health Outcomes?", UCLA, May 29  
Organizer, Session on Mixed Public/Private Health Insurance, International Health Insurance Association San Francisco, June 16  
Paper Presented, "Why Subsidize Australian Private Health Insurance", International Health Insurance Association, San Francisco, June 16  
Discussant and Chairman, Session on Spatial Analytic Methods in Health Market Research, International Health Insurance Association, San Francisco, June 17  
Discussant, Session on Market Power and Ownership Form: Effects on the Health Workforce, International Health Insurance Association, San Francisco, June 17  
Chairman, Session on Reform of Insurance and Finance Mechanisms, International Health Insurance Association, San Francisco, June 18  
Paper Presented, "The Effects of Pharmaceutical Consumption and Obesity on the Quality of Life and Disease-Specific Mortality in the OECD Countries", Conference: Tufts Center for Drug Development, Talloires, France, July 17  
Member, Scientific Committee for International Health Economics Assoc. 2003 meetings  
Lectures, "Industrial Organization," Sciences Po, Paris, Aug 24-Aug 28
- 2004 Paper Presented, Elzing-Hogarty Tests and Alternative Approaches for Market Share Calculations in Hospital Markets", International Industrial Organization Conference, Chicago, April 24  
Discussant, "Evaluating the Impact of Hospital Merger: A Quasi-Experimental Approach", International Industrial Organization Conference, Chicago, April 24

Panel Chairman, The Evolution of Physician Markets: Competition, Networks and Collective Bargaining, Petris Center Conference, Antitrust and Health Care: Assessing Issues for California and the US, Berkeley, April 30

Paper Presented, Elzing-Hogarty Tests and Alternative Approaches for Market Share Calculations in Hospital Markets”, Petris Center Conference: Antitrust and Health Care: Assessing Issues for California and the US, Berkeley, April 30

Lecture, “New Views on the Productivity of Medicine and the Medicare Drug Benefit”, American Society for Automation in Pharmacy, Phoenix, June 24

Member, Scientific Committee for International Health Economics Assoc. 2005 meetings

Lectures, “Industrial Organization,” Sciences Po, Paris, Aug 18-Aug 22

- 2005 Paper Presented, “Medical Malpractice Reform in California,” Curtin University, Perth Australia, April 21.  
Presentation, “Pharmaceuticals, Obesity and Mortality in the OECD,” Interpharma, Basel, Switzerland, July 7.  
Discussant, “A Litmus Test for Geographic Market Methodologies: Evaluating a Hospital Merger with ex post Price Increases using ex ante Information,” International Health Economics Association, Barceleona, July 11  
Chairman, Session on Health Care Utilization, International Health Economics Association, Barceleona, July 11.  
Paper Presented, “California’s MICRA Reforms: Increasing the Cap on Non-Economic Damages Would Increase the Cost of and Reduce Access to Health Care,” International Health Economics Association, Barceleona, July 12.  
Member, Scientific Committee for International Health Economics Assoc. 2005 meetings  
Lectures, “Industrial Organization,” Sciences Po, Paris, Aug 1-Aug 5  
Member, Expert Panel on Economic Impact of Health Care Regulations Town Hall Meeting, Department of Health and Human Services, Asst. Secretary for Planning and Evaluation, Washington, D.C., Nov. 3
- 2006 Member, Expert Panel on Economic Impact of Health Care Regulations Town Hall Meeting, Department of Health and Human Services, Asst. Secretary for Planning and Evaluation, Oklahoma City, Jan. 12  
Discussant, “Effects of Hospital Price Competition on Input Mix and Quality of Care,” Allied Social Science Association, Boston, Jan. 6  
Discussant, “The Welfare Consequences of Hospital Mergers,” Allied Social Science Association, Boston, Jan. 6  
Member, Expert Panel on Economic Impact of Health Care Regulations Town Hall Meeting, Department of Health and Human Services, Asst. Secretary for Planning and Evaluation, San Francisco, Feb. 2

Professional Memberships:

American Economic Assoc.  
American Law and Economics Assoc.  
Association for Health Services Research  
European Assoc. for Law and Economics  
European Assoc. for Research in Industrial Economics

Industrial Organization Society  
International Health Economics Assoc.  
International Society for New Institutional Economics  
Southern Economic Assoc.  
Western Economic Assoc.  
American Society of Health Economists