CURRICULUM VITAE

George S. Tolley
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Education

Ph.D., Economics, 1955, University of Chicago

M.A., Economics, 1950, University of Chicago

B.A., Economics, 1947, American University

Positions

President, RCF Economic and Financial Consulting, Inc, 1978 to present

Professor Emeritus of Economics, University of Chicago, 2000 to present

Professor of Economics, University of Chicago, 1966 to 2000

Visiting Lecturer, Nankai University, Spring 1995

Director, Center for Urban Studies, University of Chicago, 1977 to 1985

Deputy Assistant Secretary and Director of the Office of Tax Analysis, U. S. Department of Treasury, 1974-1975

Visiting Professor, Purdue University, 1970

Director, Economic Development Division, Economic Research Service, U.S. Department of Agriculture, Washington, D.C. 1965-1966

Visiting Professor, 1962 and Visiting Scholar, 1971-1972, University of California at Berkeley

Associate Professor and Professor, North Carolina State University, Raleigh, 1955-1966

Assistant Professor, University of Chicago, 1950-1955

Honorary Doctorate

North Carolina State University, 2006

Co-Editor

Resources and Energy Economics, North-Holland professional journal, 1978-1998

Honorary Editor

Resources and Energy Economics, North-Holland professional journal, 1998 to present

Honorary Fellow

Weimer School of Advanced Studies in Real Estate and Land Economics

Member of:

Faculty for East Asian Studies of the University of Chicago. 1997 to present

Advisor to Commissioner of Environment of the City of Chicago, 1998 to1999

Faculty of Environmental Studies Program of the University of Chicago, began 1994

Board of the Center on Aging, Health and Society, University of Chicago, began 1987

Board of the Center for Urban Research and Policy Studies, University of Chicago, began 1985

Energy Engineering Board of the National Research Council, 1984 to 1990

Committee on Public Policy Studies of the University of Chicago, 1975 to 1986, and Co-Chairman of its Resources Group

Environmental Simulation Modeling Advisory Committee of the United States Scientific Committee on Problems of the Environment, 1975-1976

Advisory Board on Water Resources Planning to the Government of Iran, 1974

Committee on Automotive Pollution of the National Academy of Sciences, 1974

Faculty Advisory Committee for Argonne National Laboratory, began 1972

Editorial Board of the Journal of Urban Economics, 1975-1992

Program Committee of Illinois Institute for Environmental Research, 1971 to 1976

Inter-University Committee on Urban Economics, 1968-1980

Vice-President, American Farm Economic Association, 1965-1966

National Academy of Sciences Committee on Water, 1965-1969

Executive Committee of Agricultural Policy Institute, 1961-1966

National Study Group on Benefits and Cost of Government Programs, sponsored by the Farm Foundation, 1961-1963

Committee on Agricultural Economics of the Social Science Research Council, 1961-1965

Southern Land Economics Research Committee, 1957-1965

Consultant to:

World Bank, 1971, 1976, 1979, 1984, 1986, 1988, 1989, 1990, 1992

Agency for International Development, 1970-72, 1976-77, 1987, 1991, 1993

Minister to Planning of Venezuela, 1977-1979

Minister of Planning, Panama, 1975

Department of Housing and Urban Development, 1974

U.S. Commission on Water Quality, 1974

Chicago Housing Authority, 1971

University of Puerto Rico, 1967-1969

President's Commission of Rural Poverty, 1967

Appalachia Commission, 1965

Office of Science and Technology, 1964

Civil Rights Commission, 1964

Center for Regional Studies at the University of Pittsburgh, 1964

Water Resources Research Center of the University of California, 1963

Federal Reserve Bank of Chicago, 1962

Professional Association Memberships

American Association for the Advancement of Science

American Economic Association

American Agricultural Economics Association

Econometric Society

International Association of Energy Economists

LIST OF PUBLICATIONS

0. Books

SINCE 1980:

0.22 The Economic Future of Nuclear Power. United States Department of Energy, 2004. (Donald Jones, co-author).

0.21 Urban Land and Housing Reform in Socialist and Formerly Socialist Countries, co-editor. Mt. Pleasant, MI: The Blackstone Company, 1996 (Shouyi Hao and Marcia Occomy, co-editors).

0.20 Valuing Health for Policy: An Economic Approach, co-editor. University of Chicago Press, 1994. (Donald Kenkel and Robert Fabian, co-editors.)

0.19 Technical Change & Income Distribution in Indian Agriculture co-author. Boulder, CO: Westview Press, 1994. (David Abler and G.K. Kripalani, co-authors).

0.18 The Economic Value of Visibility, co-editor. Mt. Pleasant, MI: The Blackstone Company, 1988. (Robert Fabian, co-editor.)

0.17 The Economics of Urbanization and Urban Policies in Developing Countries, co-editor. Washington, DC: The World Bank, 1987. (Vinod Thomas, co-editor.)

0.16 Spatial Impacts of Federal Expenditure and Tax Policy, co- author. Mt. Pleasant, MI: The Blackstone Company, 1986. (Ronald Krumm and Ricardo Garcia, co-authors.)

0.15 Housing Dynamics and Neighborhood Change, co-editor. Mt. Pleasant, MI: The Blackstone Company, 1986. (William Shear, co-editor.)

0.14 The Economics of R and D Policy, co-editor. New York, NY: Praeger Co., 1985. (James Hodge and James Oehmke, co-editors.)

0.13 Environmental Policy: Solid Wastes, vol. 4, co-editor. Cambridge, MA: Ballinger Publishing Co., 1985. (Joseph Havlicek and Robert Fabian, co-editors.)

0.12 Environmental Policy: Water Quality, vol. 3, co-editor. Cambridge, MA: Ballinger Publishing Company, 1983. (Dan Yaron and Glenn C. Bloomquist, co-editors.)

0.11 Agricultural Price Policies and the Developing Countries, co- author. Baltimore, MD: The John Hopkins University Press, 1982. (Vinod Thomas and Chung Ming Wong, co-authors.)

0.10 The Economics of Urban Amenities, co-editor. New York, NY: Academic Press, 1982. (Douglas Diamond, Jr., co-editor.)

0.09 Environmental Policy: Air Quality, vol. 2, co-editor. Cambridge, MA: Ballinger Publishing Company, 1982. (Philip E. Graves and Alan S. Cohen, co-editors.)

0.08 Environmental Policy: Elements of Environmental Analysis, vol. 1, co-editor. Cambridge, MA: Ballinger Publishing Company, 1981. (Philip E. Graves and Glenn C. Bloomquist, co- editors.)

1970 - 1979:

0.07 International Science and Technology: The Policy Gap, Editor. Chicago: Council on Foreign Relations, 1979. (James Hodge, co-editor.)

0.06 Urban Growth Policy in a Market Economy. New York, NY: Academic Press, 1979. (John Gardner and Philip E. Graves, co-authors.)

0.05 Income Support Policies for the Aged, Editor. Cambridge, MA: Ballinger Publishing Company, 1977. (Richard V. Burkhauser, co-editor.)

0.04 Electric Energy Availability and Regional Growth. Cambridge, MA: Ballinger Publishing Company, 1977. (Charles Upton and V. S. Hastings, co-authors.)

0.03 Trade, Agriculture and Development, co-editor. Cambridge, MA: Ballinger Publishing Company, pp.xvi, 218, (Peter Zadrozny, co-editor.)

0.02 Study of U.S. Agricultural Adjustments, Editor. Raleigh: North Carolina State University Agricultural Policy Institute, pp.vii, 37, 1970.

BEFORE 1970:

0.01 Economics of Watershed Planning, co-editor. Ames: Iowa State University Press, pp.iv., 339, 1960. (F. E. Riggs, co-editor.)

1. Journal Articles

SINCE 1990:

1.60 "Energy and the Environment: Identifying Our Goals," Harvard College Economics Review, Vol 3, Issue 2, 2009.

1.59 "Utility and the Income Elasticity of the Value of Life," (forthcoming) (Richard Hornbeck, co-author)

1.58 "Asset Pricing with Investor Information Costs" (Submitted for publication). (Mark Nielson, co-author.)

1.57 "A Cost-effectiveness of atypical antipsychotic medications versus conventional medication," Expert Opinion on Pharmacotherapy, Volume 7, No.13, September 2006. With Patricia Hanrahan, Daniel J. Luchins, and Robert Fabian.

1.56 "Economic Grand Rounds: Allocating Funds for Medications and Psychosocial Interventions: How Consumers Would Divide the Pie," Psychiatric Services, 56(7): 799-800, July 2005. (Daniel Luchins, Irinel Chiriac, Patricia Hanrahan, Morris Goldman, Robert Fabian, co-authors)

1.55 "Child Discipline and Family Decision Making," Journal of Socio-Economics 33(2):153- 173, April 2004. (Shaffdeen Amuwo, Robert Fabian, Ardith Spence, and Jacqueline Hill, co-authors.)

1.54 "Plant Level Productivity, Efficiency, and Environmental Performance of the Container Glass Industry," Environmental and Resource Economics, 23(1):29-43, September 2002 (Gale A. Boyd and Joseph Pang, co-authors.)

1.53 "Contingent Valuation and Valuing Children's Health," Valuing Health for Environmental Policy with Special Emphasis on Children's Health Issues. U.S.Environmental Protection Agency Conference, Washington, D.C., March 23-24, 1999. Website: http://www.epa.gov/oppe/eaed/eedhmpg.htm (Robert Fabian, co - author.)

1.52 "The Economic Impact of Reducing On-Base Naval Housing," Contemporary Economic Policy, 18(2000): 345- 358 (Peter Bernstein, co-author.)

1.51 "Issues in Improvement of the Valuation of Non-market Goods," Resource and Energy Economics 20(1998):75-83 (Robert Fabian, co-author.)

1.50 "Health Values and the Rationing of Medical Care." (Submitted to the Journal of Policy Analysis and Management, 1998, being revised for resubmittal). (Robert Fabian and Donald Kenkel, co-authors.)

1980 - 1989:

1.49 "Technology Adoption and Agricultural Price Policy." American Journal of Agricultural Economics Nov., 71(1989): 847-857 (Tracy Miller, co-author.)

1.48 "The Impact of Asbestos Disclosure Requirements on Real Estate Transactions." NAC Journal Winter 6, No. 4(1988-89): (Kevin Croke, Edward Mensah, and Robert Fabian, co-authors.)

1.47 "Asbestos in Buildings: Effects on Residential and Commercial Real Estate Values." The Environmental Professional 11(1989): 256-263 (Kevin Croke, Edward Mensah, and Robert Fabian, co-authors.)

1.46 "Asbestos Removal and Treatment Impacts on Housing and Urban Neighborhoods." J. Environmental Systems 18(1988-89): 123-131 (Kevin Croke, Edward Mensah, and Robert Fabian, co-authors.)

1.45 "Regional Economics," The New Palgrave A Dictionary of Economics (1987): 117-120 (Ronald Krumm, co-author.)

1.44 "Valuing Changes in Health Risks: A Comparison of Alternative Measures." Southern Economic Journal 53(1987): 967-984 (Mark C. Berger, Glenn C. Bloomquist, and Don Kenkel, co-authors.)

1.43 "A Depletable Resource Under International Uncertainty." Resources and Energy 6(1984):205-234 (John D. Wilman, co- author.)

1.42 "On the Effects of Federal Aid." American Economic Review Papers and Proceedings 74(1983): 159-163 (R. Krumm, J. Sanders, co-authors.)

1.41 "Approximate Aggregation and Error in Input-Output Models." Resources and Energy 4(1982):203-230. (Joel C. Gibbons and Alan M. Wolsky co-authors.)

1970 - 1979:

1.40 "The Foreign Dependence Question." Journal of Political Economy 85(1977):323-347.

1.39 "Air Pollution and Urban Land-Use Policy." Journal of Environmental Economics and Management 4(1976):247-254. (Alan S. Cohen, co-author.)

1.38 "Welfare Economics of City Bigness." Journal of Urban Economics 1(1974):324-345.

1.37 "Why is Korea Growing?" The Korean Economic Review, February, 1973.

1.36 "The Interdependence Between Income and Education." Journal of Political Economy 79(1971):460-480.

1.35 "Effects of Government Policies on Employment Opportunities for Blacks." American Journal of Agricultural Economics 53(1971):303-315.

1.34 "Management Entry into U.S. Agriculture." American Journal of Agricultural Economics 52(1970):485-493.

BEFORE 1970:

1.33 "'Solid Wastes' - A Resource?" American Journal of Agricultural Economics 51(1969):1598-1602. (Yi Wang and Joseph Havlicek, Jr., co-authors.)

1.32 "Re-examination of the Time Series Evidence on Food Demand." Econometrica 37(1969):695-705. (Yi Wang and R. G. Fletcher, co-authors.)

1.31 "Mellor on Agricultural Development." Economic Development and Cultural Change 17(1969):254-261.

1.30 "A 1960's Look at the 1930's Policy Proposals of M. L. Wilson." American Journal of Agricultural Economics 50(1968):1191-1194.

1.29 "The Supply of Farm Operators." Econometrica 32(1968):365-382 (W. E. Johnston, co-author.)

1.28 "The Residence Site Choice." Review of Economics and Statistics 50(1968):241-247. (R.N.S. Harris and C. Harrell, co-authors.)

1.27 "Water Resources." International Encyclopedia of Social Sciences New York: Macmillan Company and the Free Press, 1968: pp.77-483.

1.26 "Recreation Projection Based on Demand Analysis." Journal of Farm Economics 48(1966):984-1001. (Wayne E. Boyet, co- author.)

1.25 "Future Cropland Requirements and Projection Sensitivity." Journal of Farm Economics 48(1966):597-612. (W. E. Johnston, co-author.)

1.24 "Future Economics Research on Western Water Resources--with Particular Reference to California." Natural Resources Journal 5(1965):259-285.

1.23 "Strategy for Agriculture in Development." Journal of Farm Economics 47(1965):365-378. (Bruce F. Johnston, co-author.)

1.22 "Mathematics and Statistics in Graduate Agricultural Economics Training." Journal of Farm Economics 47(1965):189- 206. (H. W. Grubb, co-author.)

1.21 "Agriculture and the Secular Position of the U.S. Economy." Econometrica 32(1964):554-575. (Seymour Smidt, co-author.)

1.20 "Factor Market Efficiency for Agriculture." American Economic Review 34(1964):107-119. (B. M. Farmer, co-author.)

1.19 "Consumer Demand Explained by Measurable Utility Changes." Econometrica 31(1963):499-513. (R. W. Gieseman, co-author.)

1.18 "Age-Mobility and Southern Farmer Skill - Looking Ahead for Area Development." Journal of Farm Economics 45(1963):31-46. (H. W. Hjort, co-author.)

1.17 "Population Adjustment and Economic Activity: Three Studies." Papers and Proceedings of the Regional Science Association, 11(1963):53-67.

1.16 "Farm Income Policies and Research." Journal of Economics 44(1962):1266-1275.

1.15 "Simultaneous Target Planning for Farms and the Area." Journal of Farm Economics 44(1961):979-991. (A. P. Varley, co-author.)

1.14 "Extensions of Benefit-Cost Analysis." The American Economic Review 32(1961):459-468. (Cleon Harrell, co-author.)

1.13 "The Administration's Score on the First Round." Journal of Farm Economics 45(1961):1032-1045.

1.12 "Optimal Water Allocation: The North Platte River." The Quarterly Journal of Economics 54(1960):279-295. (V. Stevens Hastings, co-author.)

1.11 "Interarea Relations in Agriculture Supply." Journal of Farm Economics 42(1960):453-473. (L. M. Hartman, co-author.)

1.10 "McKean on Government Efficiency." The Review of Economics and Statistics 41(1959):446-448.

1.09[1] "Reclamation's Influence on the Rest of Agriculture." Land Economics 35(1959):176-180.

1.08 "Analytical Techniques in Relation to Watershed Development." Journal of Farm Economics 40(1958):353-665.

1.07 "Providing for Growth of the Money Supply." Journal of Political Economy 45(1957):465-485.

1.06 "Alternatives to Tight Money." Current Economic Comment 19(1957):17-28.

1.05[2] "Labor Market Efficiency for Agricultural Processing." Journal of Farm Economics 39(1957):695-713.

1.04 "Management of Meat Inventories." Journal of Farm Economics 37(1955):252-269. (Cleon Harrell, co-author.)

1.03 "Minimizing Grain Storage Costs." Journal of Farm Economics 35(1953):530-543.

1.02 "Decision-Making: Its Importance for the Meaning and Measurement of Efficiency." Explorations in Entrepreneurial History 15 October 1951.

1.01 "Short Run Demand and Supply in the Hog Market." Journal of Farm Economics 32(1950):624-643.

2. Chapters in Books and Conference Proceedings

SINCE 1990:

2.85 "Urban and Regional Development Policy in East Asia," Presented at the Korean Development Economics Association- Korean Institute for Human Settlements Urban and Regional Development Policy in East Asia Conference. Seoul, 2006.

2.84 "Environmental Issues in Newly Industrializing Economies: A View from North America," Presented at the Conference on Environment and Sustainability in the 21st Century, Nagoya University, August 1-3, 2000.

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[1] This article received a citation for excellence from the American Farm Economic Association

[2] Ph.D. thesis on which this article is based received cash prize for excellence from the American Farm Economic Association

2.83 "Urban Energy Policies and the Environment," Presented at the International Sustainable Environment Symposium, Osaka City University, 1997.

2.82 "Slippage Factors in Emissions Trading," Chapter 2.7, Market-Based Approaches to Environmental Policy edited by Richard F. Kosobud and Jennifer M. Zimmerman, Van Nostrand Reinhold, 1997. (Brian K. Edwards, co-author).

2.81 "Benefit-Cost Analysis and Environmental Regulation: Recent Developments," Chapter 10, 1997 Wiley Environmental Law Update edited by Carole Stern and Christian Volz, Somerset, NJ: John Wiley & Sons, Inc., 1997. (Robert Fabian, co-author).

2.80 "Urban Land Use and Land Prices in Market Economies: Implications for China," Chapter 4, Urban Land and Housing Reform in Socialist and Formerly Socialist Countries edited by George Tolley, Shou-yi Hao and Marcia Occomy, Mt. Pleasant, MI: The Blackstone Company, 1996. (Shou-yi Hao, co-author).

2.79 "Progress, Problems and Suggested Policies for Urban Land Markets in China," Chapter 5, Urban Land and Housing Reform in Socialist and Formerly Socialist Countries edited by George Tolley, Shou-yi Hao and Marcia Occomy, Mt. Pleasant, MI: The Blackstone Company, 1996. (Shou-yi Hao, co-author).

2.78 "An Economic Analysis of Chinese Housing Reform," Chapter 7, Urban Land and Housing Reform in Socialist and Formerly Socialist Countries edited by George Tolley, Shouyi Hao and Marcia Occomy, Mt. Pleasant, MI: The Blackstone Company, 1996. (Reprint of 3.17).

2.77 "Transportation Research Needs for the Future," Proceedings of 1995 Metropolitan Transportation Research Conference (in press).

2.76 "The Urban Ozone Abatement Problem," Cost Effective Control of Urban Smog edited by Richard F. Kosobud, William A. Testa, and Donald A. Hanson, Federal Reserve Bank of Chicago, 1993. (Jeffrey Wentz, Steven Hilton and Brian Edwards, co-authors).

2.75 "Water Resources Strategies For Developing Countries," Presented at Conference on Water Quantity/Quality Dispute, Washington, D.C., 1992

2.74 "What Do We Know About Agricultural Prices: Policies, Politic and Supply," Presented at Conference in honor of D. Gale Johnson, Chicago, 1991 (Vinod Thomas, John Nash and James Snyder, co-authors).

1980 - 1989:

2.73 "What If Transit Markets Were Freed?" Private Innovations in Public Transit edited by John C. Weicher, Chapter 12. Washington, DC: American Enterprise Institute, 1988.

2.72 "A Method of Determining Values of Visibility Programs." The Economic Value of Visibility edited by George Tolley and Robert Fabian, Chapter 9. Mt. Pleasant, MI: The Blackstone Company, 1988. (Robert Fabian, co-author.)

2.71 "City Size and Place as Policy Issues." Handbook of Regional and Urban Economics, Volume II edited by E.S. Mills, Chapter 33. Holland: Elsevier Science Publishers, 1987. (John Crihfield, co-author.)

2.70 "International Comparison of Tax Rates and Their Effects on National Incomes." International Comparisons of Productivity and Causes of the Slowdown edited by John Kendrick, Washington, D.C.: American Enterprise Institute, 1983.

2.69 "Toward Improved Water Quality Policy." Environmental Policy: Water Quality, vol. 3, co-edited by George S. Tolley, Dan Yaron and Glenn C. Blomquist, Chapter 10. Cambridge, MA: Ballinger Publishing Company. (Glenn C. Blomquist, co-author.)

2.68 "Water Quality: Overview and Approach." In Environmental Policy: Water Quality, vol. 3, co-edited by George S. Tolley, Dan Yaron and Glenn C. Blomquist, Chapter 1. Cambridge, MA: Ballinger Publishing Company, 1983.

2.67 "Benefit-Cost Analysis and the Common Sense of Environmental Policy." In Cost-Benefit Analysis and Environmental Regulations: Politics, Ethics and Methods, co-edited by Daniel Swartzman, Richard A. Liroff and Kevin G. Croke. Washington, D.C.: The Conservation Foundation, 1982.

2.66 "The Economic Roles of Urban Amenities." In The Economics of Urban Amenities, co-edited by Douglas B. Diamond, Jr. and George S. Tolley. New York and London: Academic Press, 1982. (Douglas B. Diamond, co-author.)

2.65 "Air Pollution and Urban Land-Use Policy." In Environmental Policy: Air Quality, vol. 2, co-edited by George S. Tolley, Philip E. Graves and Alan S. Cohen, Chapter 16. Cambridge, MA: Ballinger Publishing Company, 1982. (Philip E. Graves and Daniel M. Violette, co-authors.)

2.64 "Direct Cost of Air Pollution Controls and Associated Regional Impacts." In Environmental Policy: Air Quality, vol. 2, co-edited by George S. Tolley, Philip E. Graves and Alan S. Cohen, Chapter 8. Cambridge, MA: Ballinger Publishing Company, 1982. (Stuart B. Townsend, Timothy R. Guimond and Gregory F. Schwarz, co-authors.)

2.63 "Total Benefits: The Use of Coal in Electricity." In Environmental Policy: Air Quality, vol. 2, co-edited by George S. Tolley, Philip E. Graves and Alan S. Cohen, Chapter 6. Cambridge, MA: Ballinger Publishing Company, 1982. (Philip E. Graves and Robert L. Sexton, co-editors.)

2.62 "Air Quality: Methodology and Approach." In Environmental Policy: Air Quality, vol. 2, co-edited by George S. Tolley, Philip E. Graves and Alan S. Cohen, Chapter 1, pp. 1-12. Cambridge, MA: Ballinger Publishing Company, 1982.

2.61 "Toward Improved Environmental Policy." In Environmental Policy: Air Quality, vol. 2, co-edited by George S. Tolley, Philip E. Graves and Alan S. Cohen, Chapter 7, pp. 175-196. Cambridge, MA: Ballinger Publishing Company, 1982. (Philip E. Graves and Glenn C. Blomquist, co-authors.)

2.60 "Evaluation of Six Environmental Measures." In Environmental Policy: Air Quality, vol. 2, co-edited by George S. Tolley, Philip E. Graves and Alan S. Cohen, Chapter 7, pp. 145-164. Cambridge, MA: Ballinger Publishing Company, 1982. (Glenn C. Blomquist, co-author.)

2.59 "Location and Environment." In Environmental Policy: Air Policy, vol. 2, co-edited by George S. Tolley, Philip E. Graves and Alan S. Cohen, Chapter 6, pp. 118-143. Cambridge, MA: Ballinger Publishing Company, 1982. (Philip E. Graves, co-author.)

2.58 "Benefits from Pollution Abatement." In Environmental Policy: Air Policy, vol. 2, co-edited by George S. Tolley, Philip E. Graves and Alan S. Cohen, Chapter 5, pp.92-117. Cambridge, MA: Ballinger Publishing Company, 1982. (Philip E. Graves and Glenn C. Blomquist, co-authors.)

2.57 "How to Design an Environmental Impact Statement." In Environmental Policy: Air Policy, vol. 2, co-edited by George S. Tolley, Philip E. Graves and Alan S. Cohen, Chapter 2, pp. 22-49. Cambridge, MA: Ballinger Publishing Company, 1982. (Kevin Croke, co-author.)

2.56 "The Environment: Methodology and Approach." In Environmental Policy: Elements of Environmental Analysis, vol. 1, co-edited by George S. Tolley, Philip E. Graves and Glenn C. Blomquist, Chapter 1, pp. 1-21. Cambridge, MA: Ballinger Publishing Company, 1981.

2.55 "Cost Sharing and Pricing for Water Quality." In Salinity in Irrigation and Water Resources, edited by Dan Yaron, pp. 271- 303. New York and Basel: Marcel Dekker, Inc., 1981. (Gideon Fishelson, co-author.)

2.54 "Investments in Local Infrastructure." Urban Policy Analysis, (Sage, 1981) edited by Terry Nicholas Clark, pp. 123-132.op

1970 - 1979:

2.53 "Commercialization and the Assessment of Federal R & D." Federal R&D and Scientific Innovation, ACS Symposium Series No. 105, pp. 113-127, May 1979. (Stuart B. Townsend, co-author.)

2.52 "Effects of Changes in Regulations and Tax Laws on Electric Utility Financing." In Electric Utilities in Illinois, Proceedings of the Sixth Annual Illinois Energy Conference, pp. 151-169, September, 1978. (Stuart B. Townsend, co-author.)

2.51 "Integrating Social Security into an Incomes Policy." In Income Support Policies for the Aged, co-edited by George S. Tolley and Richard V. Burkhauser, pp. 71-82. Cambridge, MA: Ballinger Publishing Company, 1977.

2.50 "Federal Economic Policy Toward the Elderly." In Social Policy, Social Ethics, and the Aging Society, pp. 45-53. Report Prepared for National Science Foundation, RANN- Government Printing Office, Washington, D.C., 1976. (Richard V. Burkhauser, co-author.)

2.49 "Road Capacity and City Size." Public and Urban Economics: Essays in Honor of William S. Vickrey, edited by Ronald E. Grieson, pp. 405-417. Lexington Books, 1976. (Peter A. Zadrozny, co-author.)

2.48 "Fiscal Externalities, Taxes, and Suburbanization." Theory and Measurement of Economic Externalities, Academic Press, pp. 217-241, 1976. (Donald R. Haurin, co-author.)

2.47 "Growth, Capital Import, and Agriculture in Korea." Trade, Agriculture and Development, co-edited by George S. Tolley and Peter A. Zadrozny, pp. 147-165. Cambridge, MA: Ballinger Publishing Company, 1975.

2.46 "Social Costs and the Rural-Urban Balance." Externalities in the Transformation of Agriculture: Distribution of Benefits and Costs from Developments, co- edited by Earl O. Heady and Larry R. Whiting. Ames, Iowa: Iowa State University Press, 1975. (Barton Smith, co- author.)

2.45 "The Resource Allocation Effects of Environmental Policies." Economic Analysis of Environmental Problems, edited by Edwin S. Mills, pp. 133-167. New York: National Bureau of Economic Research: 1975. (Reprint.)

2.44 "Stages of Development and Urbanization." In Urban and Social Economics in Market and Planned Economics, Vol. 1: Policy Planning and Development, co-edited by A. A. Brown, J. A. Licari and E. Neuberger, pp. 183-205. Windsor: University of Windsor Press, July 1974, (G. K. Kripalani, co-author.)

2.43 "Towards a Population Distribution Policy for America." Regional Economic Policy: Proceedings of a Conference, 1974, pp. 1-21. Sponsored by the Minnesota Economics Association and the Federal Reserve Bank of Minneapolis, November 2, 1973, (John Gardner, co-author.)

2.42 "The Rural Town and the Scale Question." Proceedings of the Western Agricultural Economics Association, 1972. (Donald R. Haurin, co-author.)

2.41 "Migration and the Urban Hex." Conference on the Labor Force: Migration, Earnings and Growth, Social Security Administration and the Tennessee Valley Authority, 1972.

2.40 "Population Distribution Policy." Increasing Understanding of Public Problems and Policies, pp. 52-59. Chicago: Farm Foundation, 1971.

2.39 "Suggestions for Improvements in Korean Grain Price Policies." Seminar on Price and Marketing Policies for Rice, pp. 139-164. Seoul: Ministry of Agriculture and Finance of the Republic of Korea, 1971. (In Korean.)

2.38 "Three Alternatives for 1972." Seminar on Price and Marketing Policies for Rice, pp. 129-138. Seoul: Ministry of Agriculture and Finance of the Republic of Korea, 1971. (In Korean.)

2.37 "Methods of Estimating Effects of Grain Price Policies on Goals." Seminar on Price and Marketing Policies for Rice, pp. 51-72. Seoul: Ministry of Agriculture and Finance of the Republic of Korea, 1971. (In Korean.)

2.36 "Rice Price Policy in Korea." with "Appendixes A through E." Seminar on Price and Marketing Policies for Rice, pp. 7-50, 165-226. Seoul: Ministry of Agriculture and Forestry of the Republic of Korea, 1971. (In Korean.)

2.35 "On Agricultural Economics Methods." Study of U. S. Agricultural Adjustments, edited by George S. Tolley, Chapter 1, pp. 1-34. Raleigh: North Carolina State University, Agricultural Policy Institute, 1970.

2.34 "Implications of the Urban Crisis for Rural America." A Review of Agricultural Policy - 1970, pp. 91-102. Conference Proceedings of an Agricultural Policy Review, sponsored by The Agricultural Policy Institute, North Carolina State University, April, 1970.

1955 - 1969:

2.33 "Combating Income Problems of Noncommercial Farmers and Other Rural Groups." Chapter prepared for Food Goals Future Structural Change and Agricultural Policy: A National Basebook, sponsored by the Center for Agricultural and Economic Development, Iowa State University.

2.32 "Economics in Water Research." In Water Research Needs: An Economic Appraisal, co-edited by John E. Reynolds and Gary C. Jones, pp. 34-40. Workshop Proceedings. Gainesville: Institute of Food and Agricultural Sciences, The University of Florida, 1967.

2.31 "Farm Labor Adjustments to Changing Technology." Farm Labor in the United States, edited by C. E. Bishop, Chapter 3, pp. 41-52. New York: Columbia University Press, 1967. (B. M. Farmer, co-author.)

2.30 "International Trade in Agricultural Products in Relation to Economic Development." Agricultural Development and Economic Growth, co-edited by Herman M. Southworth and Bruce F. Johnston, pp. 403-447. New York: Cornell University Press, 1967. (G. D. Gwyer, co-author.)

2.29 Editor and Contributor. Rural People in the American Economy, Agricultural Economic Report No. 101, Economic Research Service, U. S. Department of Agriculture. Washington: Government Printing Office, 1966.

2.28 "The Impacts of Water Investments in Depressed Areas." In Water Research, co-edited by Allen V. Kneese and Stephen C. Smith, pp. 457-470. Baltimore: The Johns Hopkins Press, 1966.

2.27 "The Input-Output Model as a Tool for Regional Analysis." Methods for Land Economics Research, co-edited by W. L. Gibson, Jr., R. J. Hildreth and Gene Wunderlich, pp. 223- 242. Lincoln, NE: University of Nebraska Press, 1966. (Frank M. Goode, co-author.)

2.26 "Feasible Ways for Relating the Micro and Macro." Price Income Policies, pp. 115-130. Agricultural Policy Institute, North Carolina State University, October, 1965. (R. A. Schrimper, co-author.)

2.25 "Economics and Recreation Planning." Regional Park and Recreational Planning, Conference Proceedings of Committee on the Regional Park and Recreation Planning, pp. II-I-II- 4. Sponsored by University of California Extension and the California Resources Agency, Davis, California, 1965. (Frank H. Bollman, co-author.)

2.24 "Migration Adjustments in Relation to the Pattern and Pace of Southern Growth." Manpower Requirements and Human Resource Adjustment, pp. 47-53. North Carolina State University, 1965. (J. E. Matthews, co-author.)

2.23 "The Job Outlook for Rural Youth." Rural Youth in Crisis- Facts, Myths, and Social Change, Chapter 18, pp. 257-272. U. S. Department of Health, Education and Welfare, Washington Government Printing Office, 1965. (Joseph S. Zeisel, co-author.)

2.22 "Development Differentials." Optimizing Institutions for Economic Growth, pp. 47-63. Agricultural Policy Institute, North Carolina State University, May, 1964.

2.21 "Operational Procedures for Evaluating Flood Protection Benefits." Economics and Public Policy in Water Resource Development, pp. 150-171. Ames: Iowa State University Press, 1964, (R. A. Freund, co-author.)

2.20 "Farm People Face the Future." Rural America Looks to the Future, pp. 25-36. Agricultural Policy Institute, North Carolina State University, 1964. (B. M. Farmer and W. E. Johnston, co-authors.)

2.19 "Open Area Policy Economy - Analytical Challenges." Regional Development Analysis, pp. 199-211. Agricultural Policy Institute, North Carolina State University, May 1963.

2.18 "The Rural Electrification Administration." Research Study Six, Federal Credit Agencies, pp. 385-434. New Jersey: Prentice-Hall, Inc. 1963.

2.17 "Role of Management in Area Resource Equilibration." Workshop on the Management Input, pp. 53-67. Agricultural Policy Institute, North Carolina State University, 1963.

2.16 "Relative Position of Southern Agriculture - Its Bearing on Area Development." Annual Proceedings of Association of Southern Agricultural Workers, pp. 9-10, 1962. (H. W. Hjort, co-author.)

2.15 "The Appraisal of Agricultural Price and Income Policies." Farm Policy Review Conference, pp. 81-85. Agricultural Policy Institute, North Carolina State University, November, 1962.

2.14 "The South's Economic Future: A Challenge to Education." Educational Needs for Economic Development of the South, pp. 59-76. Agricultural Policy Institute, North Carolina State University, October, 1962. (C. E. Bishop, co- author.)

2.13 "Water Allocation in a Resource-Oriented Subregion." Water Law and Policy in the Southwest, pp. 176-194. Institute of Law and Government, University of Georgia, 1962. (R. E. Riggs, co-author.)

2.12 "Organizing Land Grant Universities for International Participation, Food -- One Tool in International Economic Development, Chapter 19, pp. 373-384. Ames, IA: Iowa State University Press, 1962.

2.11 "100 Percent Reserve Banking." In In Search of a Monetary Constitution, edited by L. Yeager, Chapter 10. pp. 275-304 Cambridge, MA:

2.10 "Meshing Elimination of Agricultural Surpluses with Other Goals." Dynamics of Land Use: Needed Adjustment, Chapter 20, pp. 196, 217-337. Ames, IA: Iowa State University Press, 1962.

2.09 "Manpower in Farming and Related Occupations." Report of the Panel of Consultants on Vocational Education, July, 1961. (C. E. Bishop, co-author.)

2.08 "Needed Research on Capital and Credit." In Capital and Credit Needs in a Changing Agriculture, co-edited by E. L. Baum, Howard G. Diesslin, and E. O. Heady, Chapter 27, pp. 389-399. Ames, IA: Iowa State University Press, 1961.

2.07 "Migration Research in Relation to Agricultural Policy." The Farmer and Migration in the United States, pp. 14-23. Agricultural Policy Institute, North Carolina State University, September, 1961.

2.06 "What is Happening in Southern Agriculture - and Why?" Southern Agriculture, Its Problems and Policy Alternatives, pp. 45-53. Agricultural Policy Institute, North Carolina State University, July, 1961. (A. P. Varley, co-author.)

2.05 "Interrelated Land Development Possibilities." Modern Land Policy, edited by H. Halcrow, Chapter 8, pp. 121-140. Urbana, IL: University of Illinois Press, 1960.

2.04 "Does the State of the Data Suggest a Program for Modifying Planning and Evaluation." Economics of Watershed Planning, Chapter 10, pp. 127-144. Ames, IA: Iowa State University Press, 1960. (R. A. Freund, co-author.)

2.03 "The Benefits from Watershed Development." Economics of Watershed Planning, Chapter 3, pp. 27-42. Ames, IA: Iowa State University Press, 1960. (E. C. Ford, E. L. Greenshields and F. E. Riggs, co-authors.)

2.02 Economics of Watershed Planning. Editor. Ames: Iowa State University Press, 1960, pp. iv, 339. (F. E. Riggs, co- editor.) {also listed under books.}

2.01 "Problems of Economic Growth." Proceedings of the Western Farm Economics Association, Bozeman, Montana. pp. 1-16, 1955.

3. Monographs and Technical Studies

3.25 Hydrogen Production and Delivery Infrastructure as a Complex Adaptive System. (Forthcoming) RCF Economic and Financial Consulting and Argonne National Laboratories for the United States Department of Energy.

3.24 Effects of a Transition to a Hydrogen Economy on Employment in the United States: Report to Congress. RCF Economic and Financial Consulting and Argonne National Laboratories. United States Department of Energy. July 2008.

3.23 The Economic Future of Nuclear Power. (Donald Jones, co-author.) University of Chicago, September 2004.

3.22 Clearing Houston's Air: An Economic Evaluation of Clean Air Act Compliance Strategy Alternatives. (Barton Smith, co-author.) Texas Public Policy Foundation, February, 2001.

3.21 Effects of the Proposed Indeck Facility on Property Values, Land Use and Tax Revenues. (RCF Economic and Financial Consulting, Inc.), May 2000.

3.20 Effects of Housing Availability On Chicago's Labor Supply and Economic Growth. (RCF Economic and Financial Consulting, Inc.) March 2000.

3.19 Economic Analysis of a Living Wage Ordinance. (Peter Bernstein and Michael Lesage, co-authors). Employment Policies Institute, Washington, D.C., July 1999.

1957 - 1993:

3.18 Issues in Tax Policy Reform in the Gambia: Company Taxes, Fringe Benefits and Rental Income with Comments on Appropriate Mix of Tax Activities. Amex International, Inc., Washington, D.C., 1993.

3.17 Urban Housing Reform in China: An Economic Analysis. World Bank Discussion Paper, Washington, D.C., 1991.

3.16 Regional Economic Development and Transportation Needs. Metropolitan Housing and Planning Council, Chicago, 1983. (Terrence Smith, Kenneth Milbradt and Larry Anderson, co- authors.)

3.15 Effects of RACT II Environmental Controls in Illinois: R80-5, Illinois Institute of Natural Resources 81-28, Chicago, August, 1981. (Timothy R. Guimond and Stuart Townsend, co- authors.)

3.14 The Cost of Meeting a Short-term Nitrogen Dioxide Standard, American Petroleum Institute, Washington, D.C., June, 1981. (Stuart Townsend, Gregory Schwarz, Helen Grieve and Timothy R. Guimond, co-authors.)

3.13 The Structure of Contingent Markets: Some Results of a Recent Experiment. Presented at meetings of the American Economic Association, Washington, 1981. (Alan Randall and John P. Hoehn, co-authors.)

3.12 "Direct and Indirect Economic Impacts of SIP Revisions." Chapter 19 of the National Commission on Air Quality Twin Cities/St. Cloud Regional Study, Washington, D.C., November, 1980. (Timothy R. Guimond, Stuart Townsend and Gregory Schwarz, co-authors.)

3.11 "Korean Agriculture: Prospectus and Policy." Contribution to World Bank Economic Mission to Korea Report. May, 1979.

3.10 "Homeownership, Rental Housing and Tax Incentives." Report of Sub-committee on the City, Committee on Banking, Finance, and Urban Affairs, House of Representatives, United States Congress, pp. 1141-1195, June 16, 1977. (Douglas B. Diamond, co-author.)

3.9 Editor and Contributor, Estimation of First Round and Selected Subsequent Income Effects of Water Resources Investment, Institute for Water Resources, Corps of Engineers, Department of the Army, IWR Report 70-1, February, 1970.

3.8 Effects of Flue-Cured Tobacco Programs on Returns to Land and Labor, Economic Research Series No. 379, U.S. Department of Agriculture, pp. 1-19, N.C. State University, June, 1968. (J. L. Hedrick and W. B. Back, co-authors.)

3.7 Benefits and Costs of Soil Conservation in the South and its Subregions, Technical Bulletin No. 172, pp. 58, Raleigh, NC: North Carolina State Agricultural Experiment Station, 1966. (H. W. Grubb, co-author.)

3.6 Consolidation, Management Levels and Changing Production Techniques: Interrelations in Recent North Carolina Agricultural Adjustments with 10 year Potentials, A. E. Information Series No. 114, pp. 67. Department of Agricultural Economics, North Carolina State University, July, 1964. (B. M. Farmer, co-author.)

3.5 Cropland Reversion in the South, A. E. Information Series No. 100, pp. 88. Department of Agricultural Economics, North Carolina State University, April, 1963. (R. N. S. Harris and A. J. Coutu, co-authors.)

3.4 Crop Production and Value Handbook for the United States and North Carolina, A. E. Information Series No. 86, pp. iv, 85. Department of Agricultural Economics, North Carolina State University, September, 1961. (R. N. S. Harris and V. M. Powley, co-authors.)

3.3[2] Effects of Federal Acreage Controls on Costs and Techniques of Producing Flue-Cured Tobacco, Technical Bulletin No. 46, pp. 34. Raleigh, NC: North Carolina, Agricultural Experiment Station, 1961. (L. M. Hartman, co-author.)

3.2 North Carolina Piedmont and Coastal Plain Tobacco Farms: Their Changing Characteristics, 1955-8, A. E. Information Series No. 71, pp. 56. Department of Agricultural Economics, North Carolina State, November 1959. (E. C. Pasour, Jr. and W. D. Toussaint, co-authors.)

3.1 Inventories in the Meat-Packing Industry, A. E. Information Series No. 58, pp. 88. Department of Agricultural Economics, North Carolina State University, December, 1957. (Cleon Harrell, co-author.)

4. Book Reviews

4.11 Environmental Regulation and the U. S. Economy, Henry Peskin, Paul Portney, and Allen Kneese, Editors, Book Review, Science, June, 1982.

4.10 The Economics of Poverty, Thomas Balough. Book Review. American Journal of Agricultural Economics 50(1968): 744-745.

4.09 Soil Conservation in Perspective, R. Burnell Held and Marion Clawson. Book Review. American Economic Review 56(1966): 1343-1345.

4.08 Land Use Policy and Problems in the United States, Howard W. Ottoson, Editor. Book Review. American Economic Review 54(1964): 845-848.

4.07 Resources in America's Future, Hans H. Landsberg, Leonard L. Fischman and Joseph L. Fisher. Book Review. Science 140(1963): 971-972.

4.06 Water Supply: Economics, Technology, and Policy, Jack Hirshleifer, James C. Dellavan, and Jerome W. Milliman. Book Review. Journal of Political Economy 70(1962): 303- 305.

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[3] This bulletin received a citation for excellence from the American Farm Economics Association

4.05 Planning Production, Inventories, and Work Force, Charles Holt, et al. and Decision Models for Inventory Management, Robert B. Fetter and Winston C. Dalleck. Book Reviews. Journal of Farm Economics 44(1962): 650-653.

4.04 The Keynesian Theory of Economic Development, Kenneth W. Kurihara. Book Review. Journal of Farm Economics 41(1959): 866-868.

4.03 Economic and Technical Analysis of Fertilizer Innovations and Resource Use, E. L. Baum, Earl O. Heady, John T. Pesek and Clifford G. Hildreth. Book Review. Econometrica 27(1959): 518-519.

4.02 Farm Trouble, Lauren Soth. Book Review. Journal of Farm Economics 40(1958): 167-171.

4.01 Policies to Combat Depression, National Bureau of Economic Research, Book Review. Journal of Farm Economics 38(1956): 1077-1079.

5. Published Remarks as Professional Meeting Discussant

5.08 "Evaluation Recreation Benefits from Visitation Prediction Equations: Reply." American Journal of Agricultural Economics 50(1968): 439-442. (W. E. Boyet, co-author.)

5.07 "Discussion: Principles of Economic Policy, Consistent and Inconsistent; Economics of Our Present Farm Price Support Policy." Journal of Farm Economics, May 1963, pp. 2354- 2357.

5.06 "Discussion of 'Measurement of Labor Input: Some Questions of Definition and the Adequacy of Data.'" Output, Input and Productivity Measurements, Studies in Income and Wealth, 25 (1961): 373-380. Princeton, NJ: Princeton University Press.

5.05 "The Appraisal of Agricultural Price and Income Policies." Proceedings of 2nd Annual Farm Policy Review Conference, pp. 102-107. Agricultural Policy Institute, North Carolina State University, November, 1961.

5.04 "Discussion: Sharing Financial Responsibility of River Basin Development." Journal of Farm Economics, December, 1958, pp. 1702-1704.

5.03 "Discussion: Use of Economics in Making Decisions Relating to Range Use." Journal of Farm Economics, December, 1956, pp. 1702-1704.

5.02 "Discussion of Financial Implications of Long-Term Growth." American Statistical Association of the Business and Economic Statistics Section, 1955-1956, pp. 152-153.

5.01 "Noneconomic Considerations in Resource Development." Water Resources and Economic Development of the West, Report No. 4, pp. 19-22. Committee on the Economics of Water Resource Development of the Western Agricultural Economics Research Council, Pullman, Washington, 1955.

6. Popular Articles

6.14 “The Greening of Buildings”, Resources for the Future Weekly Policy Commentary, April 2008. (Sabina L. Shaikh, co-author)

6.13 "Utility Rate Comparisons and Management Efficiency." Public Utilities Fortnightly Vol. 125, no. 1, January 4, 1990, pp. 29-34. (Edward C. Bodmer, co-author.)

6.12 "The Citizen's Cost of A Cleaner Environment." Technology and Human Affairs Vol. 4, no. 4, Winter, 1972-73, Illinois Institute of Technology. (Rene Bonnel, co-author.)

6.11 "Farm Operator Career Adjustments and Farm Policies." Looking Ahead, October, 1964, National Planning Association. (W. E. Johnston, co-author.)

6.10 "The South's Economic Future: A Challenge to Education." Agricultural Policy Review, North Carolina State University, October-November-December 1962, pp. 12-13. (C. E. Bishop, co-author.)

6.09 "The New Price and Income Programs." Agricultural Policy Review, October-November-December 1961, pp. 6-7.

6.08 "Relation of Debt Policy to Monetary - Fiscal Policies-- Need for National Economic Council." Tar Heel Farm Economist, May 1961.

6.07 "National Debt Policy - A 290 Billion Dollar Question." Tar Heel Farm Economist, May 1961.

6.06 "How Would Changes in Our Tobacco Program Affect Our Farmers?" Research and Farming, Winter 1960, pp. 8-9.

6.05 "The 'Why's' of International Trade." Tar Heel Farm Economist, April 1960.

6.04 "Farmers Gain From Processor Meat Storage." Research and Farming, Winter 1959, pp. 8-9.

6.03 "Government Expenditures and Tax Policies During Recession." Tar Heel Farm Economist, August 1958.

6.02 "Effects of Inflation and Deflation." Tar Heel Farm Economist, December 1956.

6.01 "The Role of Credit in our Economy." Tar Heel Farm Economist, November 1956.