

Curriculum Vitae

Marvin Kraus

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Date of Birth: December 27, 1945

Education:

Ph.D., Economics, University of Minnesota, 1973
B.S., Mathematics, Purdue University, 1967

Academic Honors:

National Science Foundation Grant, 1978-79
National Science Foundation Fellowship, 1970-71
Invited Participant, Mathematical Social Science Board Workshop on "Lags in Economic Behavior," University of Chicago, Summer 1970
National Science Foundation Traineeship, 1968-70
B.S. with Distinction and Honors in Economics
Kneale Award in Economics, Purdue University, 1966
Omicron Delta Kappa

Doctoral Dissertation:

Land Use in a Circular City

Positions Held:

Professor of Economics, Boston College, 1990-present
Chair, 2003-09
Director of Graduate Studies, 1982-87 and 1995-99
Visitor, Ben-Gurion University, December 1995
Visiting Associate Professor, Harvard University Summer Session, 1980
Associate Professor, Boston College, 1978-1990
Economist, Transportation Systems Center, U.S. Department of Transportation,
Summer 1974
Assistant Professor, Boston College, 1973-78
Instructor, Boston College, 1972-73
Special Lecturer, York University (Toronto), 1971-72
Teaching Associate, University of Minnesota, 1970-71
Research Assistant, University of Minnesota, 1967-70

Articles:

"Land Use in a Circular City," *Journal of Economic Theory* 8 (1974), 440-457.

"Taxing Pollutees: A Comment," *Kyklos* 27 (1974), 884-887.

"The Role of Pollutee Taxes in Externality Problems," with Herbert Mohring, *Economica* 42 (1975), 171-176.

"The Welfare Costs of Nonoptimum Pricing and Investment Policies for Freeway Transportation," with Herbert Mohring and Thomas Pinfeld, *American Economic Review* 66 (1976), 532-547. Translated into Japanese and published in two parts in *Kosokudoro to Jidosha (Expressways and Automobiles)* 20 (1977). Part I in No. 7, pp. 57-63; Part II in No. 8, pp. 52-58.

"Land Use in a Circular City: Some Numerical Results," *Regional Science and Urban Economics* 6 (1976), 399-418.

"A Theoretical Justification of the 'Disutility' Model of Travel Demand," *International Journal of Transport Economics* 4 (1977), 107-113.

"On Pareto-Optimal Time Allocation," *Economic Inquiry* 17 (1979), 142-145.

"A Comparative Statics Theorem for Choice Under Risk," *Journal of Economic Theory* 21 (1979), 510-517.

"Scale Economies Analysis for Urban Highway Networks," *Journal of Urban Economics* 9 (1981), 1-22. Reprinted in Herbert Mohring, ed., *The Economics of Transport*, Edward Elgar, 1994 and in Erik T. Verhoef, ed., *The Economics of Traffic Congestion*, Edward Elgar, 2010.

"Indivisibilities, Economies of Scale, and the Subsidy Issue for Freeways," *Land Economics* 57 (1981), 115-121. Japanese translation in *Kosokudoro to Jidosha (Expressways and Automobiles)* 24 (December 1981), 44-48.

"Quality of Service and the Demand for Air Travel," with James E. Anderson, *Review of Economics and Statistics* 63 (1981), 533-540.

"The Problem of Optimal Resource Allocation in Urban Transportation," *Economic Perspectives: An Annual Survey of Economics* 2 (1981), 229-261.

"Highway Pricing and Capacity Choice Under Uncertain Demand," *Journal of Urban Economics* 12 (1982), 122-128.

"An Econometric Model of Regulated Airline Flight Rivalry," with James E. Anderson, *Research in Transportation Economics* 2 (1985), 1-26.

"The Welfare Gains from Pricing Road Congestion Using Automatic Vehicle Identification and On-Vehicle Meters," *Journal of Urban Economics* 25 (1989), 261-281.

"Discomfort Externalities and Marginal Cost Transit Fares," *Journal of Urban Economics* 29 (1991), 249-259.

"The Ramsey Problem for Congestible Facilities," with Richard Arnott, *Journal of Public Economics* 50 (1993), 371-396.

"Financing Capacity in the Bottleneck Model," with Richard Arnott, *Journal of Urban Economics* 38 (1995), 272-290.

"Self-Financing of Congestible Facilities in a Growing Economy," with Richard Arnott, in David Pines, Efraim Sadka and Itzhak Zilcha, eds., *Topics in Public Economics*, Cambridge University Press, 1998, 161-184. Reprinted in Erik T. Verhoef, ed., *The Economics of Traffic Congestion*, Edward Elgar, 2010.

"When Are Anonymous Congestion Charges Consistent with Marginal Cost Pricing?" with Richard Arnott, *Journal of Public Economics* 67 (1998), 45-64. Reprinted in Erik T. Verhoef, ed., *The Economics of Traffic Congestion*, Edward Elgar, 2010.

"The Commuter's Time-of-Use Decision and Optimal Pricing and Service in Urban Mass Transit," with Yuichiro Yoshida, *Journal of Urban Economics* 51 (2002), 170-195.

"A Generalized Envelope Theorem with an Application to Congestion-Prone Facilities," *Economics Bulletin* Vol. 3, No. 28 (2002), 1-4.

"Principles of Transport Economics," with Richard Arnott, in Randolph W. Hall, ed., *Handbook of Transportation Science*, 2nd ed., Kluwer Academic, 2003, 689-726.

"A New Look at the Two-Mode Problem," *Journal of Urban Economics* 54 (2003), 511-530.

"Monocentric Cities," in Richard Arnott and Daniel McMillen, eds., *Companion to Urban Economics*, Blackwell, 2006, 96-108.

"Congestion," with Richard Arnott, in Steven Durlauf and Lawrence Blume, eds., *The New Palgrave Dictionary of Economics*, 2nd ed., Palgrave Macmillan, 2008.

"Economies of Scale in Networks," *Journal of Urban Economics* 64 (2008), 171-177.

Reviews:

"Road Work: A New Highway Pricing and Investment Policy," by Kenneth A. Small, Clifford Winston and Carol A. Evans, *Journal of Economic Literature* 28 (1990), 1756-1757.

Other Professional Activity:

Co-editor with Richard Arnott of William Vickrey's "Statement to the Joint Committee on Washington, DC, Metropolitan Problems," *Journal of Urban Economics*, 36 (1994), 42-65.

Co-editor with Richard Arnott of William Vickrey's "Reaching an Economic Balance Between Mass Transit and Provision for Individual Automobile Traffic," *Logistics and Transportation Review* 30 (1994), 3-19.

Refereeing for:

American Economic Review

Econometrica

Economic Inquiry

Environment and Planning A

Journal of Economic Geography

Journal of Economic Theory

Journal of Industrial Economics

Journal of Political Economy

Journal of Public Economics

Journal of Transport Economics and Policy

Journal of Urban Economics

Logistics and Transportation Review

Quarterly Journal of Economics

Regional Science and Urban Economics

Review of Economics and Statistics

Transportation Research Part B

National Science Foundation