

KENNETH A. SMALL
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CURRICULUM VITAE
Dec. 5, 2019

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EDUCATION

B.S., A.B. University of Rochester, 1968, Physics, Mathematics
M.A. University of California, Berkeley, 1972, Physics
Ph.D. University of California, Berkeley, 1976, Economics

SELECTED ACADEMIC AND PROFESSIONAL POSITIONS HELD

2006- Professor Emeritus, Dept. of Economics, Univ. of California at Irvine
2010-2014 Nonresident Fellow, Resources for the Future, Washington, D.C.
1983-2005 Professor (1986-2005) & Assoc. Professor (1983-86) of Economics, UC Irvine
Spring '04: Visiting Patterson Scholar, Transportation Center, Northwestern University
1999-2000 Gilbert White Fellow, Resources for the Future, Washington, D.C.
1992-95 Chair, Dept. of Economics, UC Irvine
1986-92 Associate Dean for Graduate Education, Social Sciences, UC Irvine
1991-92 Visiting Professor, Dept. of Economics, Harvard University
1976-83 Assistant Professor of Economics, Princeton University

EDITORIAL POSITIONS & AWARDS

Editorial Boards: *Journal of Urban Economics*; past: *Economics of Transportation*, 6 others
Past Co-editor: *Transportation Research, Part B: Methodological*; *Urban Studies*
Faculty Achievement Award (for research, teaching, and service), Univ. of Calif.-Irvine, 2007
Fellow, Regional Science Association International, 2006-
Visiting Patterson Scholar, Northwestern University, 2004
Distinguished Transportation Research Award, Transportation Research Forum, 2004
Distinguished Member Award, Transp. & Public Utilities Group, American Econ. Assoc., 1999

SELECTED PUBLIC SERVICE ACTIVITIES

Founding President, Internat'l Transportation Economics Assoc., 2011-14 (Exec. Comm., 2014-18).
Committee on Equity Implications of Transportation Finance, National Research Council, 2008-2011.
External Review Committee, Transportation Center, Northwestern University, May 1999.
Committee on the Status of Women in the Economics Profession, American Econ. Assoc., 1995-97.

SELECTED INVITED TALKS

Keynote speaker, Danish Council of Environmental Economics, Skodsborg, Denmark, Aug 2019.
Lecture series (3 lectures), University of Tokyo, Graduate School of Public Policy, March 2013.
Speaker, Public Affairs Symposium and Forum, Federal Reserve Bank of Atlanta, Oct. 2009.
Panelist & presenter, Round Table on: *Oil Dependence: Is Transport Running Out of Affordable Fuel?*,
Joint Transport Research Centre, OECD & International Transport Forum, Paris, Nov 2007.
Keynote speaker, European Transport Conference, Noordweikerhout, Netherlands, Oct 2007.
Keynote speaker, Kuhmo Nectar Confer. on Transportation & Urban Econ., Urbino, Italy, July 2007.
Luncheon speaker, International Symposium on Road Pricing, Key Biscayne, Florida, Nov. 2003.
Keynote speaker, 60th Anniversary International Conference of the Japan Society of Transportation
Economics, Osaka, Japan, July 2001.
Speaker, "Real Costs of Transportation and Influence of Pricing Policies," Tenth Convocation of the
Council of Academies of Engineering and Technological Sciences, Zurich, Sept. 1993.

SELECTED GRANTS

- 2011-14 "Fuel Efficiency Regulations of Light-Duty Vehicles," U.S. Dept. of Transportation," with Resources for the Future via subcontract to Brookings Institution (\$55,000) (w/ C. Winston).
- 2006-07 "Effects of Policies to Reduce Light-Duty Vehicle Fuel Consumption," Energy & Environmental Analysis, Inc., subcontract US Dept. of Energy (\$110,000) (w/ Kurt Van Dender).
- 2003-04 "Study to Evaluate the Effect of Improved Fuel Economy on Vehicle Miles Traveled and Resulting Economic Impacts," Calif. Air Resources Board (\$75,590) (w/ K. Van Dender).
- 2000-01 "Viability of Public Transit with Road Pricing Measures," University of California Energy Institute (\$24,900).
- 1999-2000 "Viability of Value Pricing Demonstrations," U.S. Dept. of Transportation and Calif. Dept. of Transportation (\$70,000). Funded through U.C. Transportation Center.
- 1996-98 "Benefits, Acceptance and Marketability of Value-Pricing Services," ITF Intertraffic, a subsidiary of Daimler-Benz AG (\$149,500).
- 1993-94 "Socio-Economic Attributes and Impacts of Travel Reliability," Calif. Dept. of Transportation (\$120,036), through California PATH (Partners for Advanced Transit and Highways).
- 1989-93 "Travel Flows and Sub-Center Development," U.S. Dept. of Transportation and Calif. Department of Transportation (\$222,708) (with Genevieve Giuliano). Funded through U.C. Transportation Center, four separate proposals and grants.

SELECTED PUBLICATIONS

Books and Edited Journal Issues

Small, Kenneth A. and Erik T. Verhoef, *The Economics of Urban Transportation*. London and New York: Routledge, 2007.

Small, Kenneth A., *Urban Transportation Economics*, Vol. 51 of *Fundamentals of Pure and Applied Economics* series, Harwood Academic Publishers, 1992.

Japanese translation published in *Japanese Transportation Policy Research Series*, Vol. 13, Keiso Shobo Ltd., Tokyo (1999).

Small, Kenneth A., Clifford Winston, and Carol Evans. *Road Work: A New Highway Pricing and Investment Policy*, Brookings Institution, 1989. (Nominated for Abel Wolman Award of the Public Works Historical Society).

Japanese summary in *Expressways and Automobiles*, Vol. 34 (1991): No. 7, pp. 56-61, and No. 8 pp. 58-61.

Mogens Fosgerau and Kenneth A. Small, guest editors. Special Issue on "Transportation Economics." *Transportation Research Part A: Policy and Practice*, 46(6), 2012.

Small, Kenneth A., guest editor. Special Issue on "Chinese Urban Development." *Urban Studies*, 39(12), 2002.

Small, Kenneth A., guest editor. Special Issue on Assessment and Amelioration of Environmental Impacts of Transport, *Journal of Transport Economics and Policy*, 34(2), 2000.

Small, Kenneth A., guest editor. Special Issue on Transportation. *Regional Science and Urban Economics*, Vol. 22, No. 1 (March 1992).

Journal Articles and Book Chapters

Fosgerau, Mogens, and Kenneth A. Small, "Endogenous Scheduling Preferences and Congestion," *International Economic Review*, 58 (2017), pp. 585-615.

Small, Kenneth A., and Chen Feng Ng, "Optimizing Road Capacity and Type," *Economics of Transportation*, 3 (2014): 145–157.

Parry, Ian W..H., and Kenneth A. Small, "Should Urban Transit Subsidies Be Reduced?" *American Economic Review*, 99 (2009), pp. 700-724.

Reprinted in: A.N. Link and J.T. Scott, eds., *The Economics of Evaluation in Public Programs*, in series *The International Library of Critical Writings in Economics*, Edward Elgar, 2011, chpt. 15.

Small, Kenneth A., and Kurt Van Dender, "Fuel Efficiency and Motor Vehicle Travel: The Declining Rebound Effect," *Energy Journal*, 28 (2007), pp. 25-51.

Reprinted in: V. McConnell & W. Harrington, eds., *Controlling Automobile Air Pollution*, in series *International Library of Environmental Economics and Policy*, Aldershot, (2007).

Small, Kenneth A., Clifford Winston, and Jia Yan, "Uncovering the Distribution of Motorists' Preferences for Travel Time and Reliability," *Econometrica*, 73 (2005), pp. 1367-1382.

Parry, Ian W.H., and Kenneth A. Small, "Does Britain or The United States Have the Right Gasoline Tax?" *American Economic Review*, 95 (2005), pp. 1276-1289.

Small, Kenneth A., and Xuehao Chu, "Hypercongestion," *Journal of Transport Economics and Policy* 37 (Sept. 2003), pp. 319-352.

Small, Kenneth A., and Jia Yan, "The Value of 'Value Pricing' of Roads: Second-Best Pricing and Product Differentiation", *Journal of Urban Economics*, vol. 49 (2001), pp. 310-336.

Small, Kenneth A., and José A. Gómez-Ibáñez. "Urban Transportation," in *Handbook of Regional and Urban Economics*, Vol. 3, ed. P. Chesire & E.S. Mills (North-Holland, 1999), pp. 1937-1999.

Anas, Alex, Richard Arnott, and Kenneth A. Small, "Urban Spatial Structure," *Journal of Economic Literature*, 36 (1998), pp. 1426-1464.

Small, Kenneth A., and Camilla Kazimi, "On the Costs of Air Pollution from Motor Vehicles," *Journal of Transport Economics and Policy*, 29 (1995), pp. 7-32.

Small, Kenneth A. and Shunfeng Song. "'Wasteful' Commuting: A Resolution." *Journal of Political Economy*, 100 (1992), pp. 888-898.

Small, Kenneth A. and Clifford Winston. "Optimal Highway Durability." *American Economic Review*, 78, No. 3 (June 1988), pp. 560-569.

Small, Kenneth A. "A Discrete Choice Model for Ordered Alternatives." *Econometrica*, 55 (March 1987), pp. 409-424.

Small, Kenneth A. "The Scheduling of Consumer Activities: Work Trips." *American Economic Review*, 72, No. 3 (June 1982), pp. 467-479.

Reprinted in *The Economics of Transport*, ed. by Herbert Mohring, Edward Elgar (1994).

Small, Kenneth A. and Harvey S. Rosen. "Applied Welfare Economics with Discrete Choice Models." *Econometrica*, 49, No. 1 (Jan. 1981), pp. 105-130.

Keeler, Theodore E. and Kenneth A. Small. "Optimal Peak-Load Pricing, Investment, and Service Levels on Urban Expressways." *Journal of Political Economy*, 85 (1977), pp. 1-25.