

BIBLIOGRAPHY

- Abdalla, Charles W. (1989). Measuring the costs of groundwater contamination: an empirical application using averting behaviors (Agricultural Economics and Rural Sociology Staff Paper No. 161). University Park, Pennsylvania State University.
- Abdalla, C.W., Roach, B.A., & Epp, D.J. (1992). Valuing environmental quality changes using averting expenditures: An application to groundwater contamination. Land Economics, 68, (2), 163-169.
- Acton, Jan. (1973). Evaluating programs to save lives: the case of heart attacks. Santa Monica, CA: Rand Corporation.
- Adamowicz, W., Boxall, P., Williliams, M., & Louviere, J. (1998). Stated preference approaches for measuring passive use values: Choice experiments and contingent valuation. American Journal of Agricultural Economics, 80, 64-75.
- Ainslie, George W. (1992). Picoeconomics. Cambridge: Cambridge University Press.
- Ainslie, G.W., & Halsam, N. (1992). Hyperbolic discounting. In George Loewenstein & Jon Elster (Eds.), Choice over time (pp. 57-92). New York: The Russell Sage Foundation.
- Akerlof, George A. (1983). Loyalty filters. The American Economic Review, 73, 54-63.
- Akerlof, G.A. & Dickens, W.T. (1982). The economic consequences of cognitive dissonance. The American Economic Review, 72, 307-319.
- Akerman, J., Johnson, F.R., & Bergman, L. (1991). Paying for safety: Voluntary reduction of residential radon risk. Land Economics, 435-446.
- Alberini, A., Kanninen, B.J., & Carson, R.T. (1994). Random-effect models of willingness to pay using discrete response CV survey data (Discussion Paper 94-34). Washington, D.C.: Resources for the Future.
- Anand, Paul. (1993). Foundations of rational choice under risk. New York: Oxford University Press.
- Announcement of the Drinking Water Contaminant Candidate List. (1998, March 2). Federal Register, 63 (40), 10273-10287.
- Arrow, Kenneth J. (1966). Discounting and public investment criteria. In A.V. Kneese & S.C. Smith (Eds.), Water Research, Baltimore, 1966.

- Arrow, Kenneth J. (1986). Comments. In Ronald G. Cummings, David S. Brookshire, & William D. Schulze, (Eds.), Valuing environmental goods. Totawa, New Jersey: Rowman and Allanheld.
- Arrow, Kenneth J. (1999). Discounting, morality, and gaming. In P.R. Portney & J.C. Weyant (Eds.), Discounting and intergenerational equity (pp. 13-21). Washington, D.C.: Resources for the Future.
- Arrow, K.J., Cline, W.R., Maler, K.G., Munasinghe, M., Squitieri, R., & Stigilitz, J.E. (1996). Intertemporal equity, discounting, and economic efficiency. In J.P. Bruce, H. Lee, & E.F. Haites (Eds.), Climate change 1995: Economic and social dimensions of climate change (contribution of working group III to the second assessment report of the Intergovernmental Panel on Climate Change). Cambridge: Cambridge University Press.
- Arrow, K.J., Leamer, E., Schuman, H. & Solow, R. (1994). Comments on the NOAA proposed rule on natural resource damage assessment 69. Federal Register, 59.
- Arrow, K.J., Solow, R., Portney, P., Leamer, E., Radner, R. & Schuman, H. (1993). Report of the NOAA panel on contingent valuation. Federal Register, 58, pp.4601-4614.
- Atkinson, Scott E. & Halvorsen, Robert. (1990). The valuation of risks to life: Evidence from the market for automobiles. Review of Economics and Statistics, 72, (1), 133-136.
- Babb, E.M., & Scherr, B.A. (1975). Pricing public goods: An experiment with two proposed pricing systems. Public Choice, 23, 35-48.
- Balson, W.E., Carson, R.T., Conaway, M.B., Fischhoff, B., Hanemann, W.M., Hulse, A., Kopp, R.J., Martin, K.M., Mitchell, R.C., Molenaar, J., Presser, S., & Rudd, P.A. (1990). Development and design of a contingent valuation survey for measuring the public's value for visibility improvements at the Grand Canyon National Park (draft report). Los Altos, CA: Decision Focus, Inc.
- Baron, J. (1997a). Biases in the quantitative measurement of values for public decisions. Psychological Bulletin, 122, 72-88.
- Baron, J. (1997b). Confusion of relative and absolute risk in valuation. Journal of Risk and Uncertainty, 14, 301-309.
- Bartik, Timothy J. (1988). Evaluating the benefits of non-marginal reductions in pollution using information on defensive expenditures. Journal of Environmental Economics and Management, 15, 111-127.

- Baumol, William J. (1968). On the social rate of discount. The American Economic Review, 58, 788-802.
- Beattie, J., Covey, J., Hopkins, L., Jones-Lee, M., Loomes, G., Pidgeon, N., Robinson, A., & Spencer, A. (1998). On the contingent valuation of safety and the safety of contingent valuation: Part 1-caveat investigator. Journal of Risk and Uncertainty, 17, 3-25.
- Beggs, S., Cardell, S., & Hausman, J. (1981). Assessing the potential demand for electric cars. Journal of Econometrics, 17, 1-19.
- Bell, D.E., Raiffa, H., & Tversky, A. (Eds.). (1998). Decision making: Descriptive, normative, and prescriptive interactions. New York: Cambridge University Press.
- Benzion, U., Rapoport, A., & Yagil, J. (1989). Discount rates inferred from decisions: An experimental study. Management Science, 35, 270-284.
- Berger, M., Blomquist, G., Kenkel, D., & Tolley, G. (1987). Valuing changes in health risks: A comparison of alternative measures. Southern Economic Journal, 53, 967-984.
- Berger, M., Blomquist, G., Kenkel, D., & Tolley, G. (1994). Framework for valuing health risks. In G. Tolley, D. Kenkel, & R. Fabian (Eds.), Valuing health for policy: An economic approach (pp. 23-41). Chicago, IL: The University of Chicago Press.
- Biddle, Jeff E., & Zarkin, Gary. (1988). Worker preferences and market compensation for job risk. Review of Economics and Statistics, 70, (4), 660-667.
- Binkley, C.S., & Hanemann, W.M. (1978). The recreation benefits of water quality improvement: Analysis of day trips in an urban setting. Washington, D.C.: United States Environmental Protection Agency.
- Bishop, George F. (1985). Context effects on self-perceptions of interest in government and public affairs (project report to the National Science Foundation). Cincinnati, Ohio: Behavioral Science Laboratory, Institute for Policy Research, University of Cincinnati.
- Bishop, R.C., & Boyle, K.J. (1985). The economic value of Illinois beach state nature preserve (report to the Illinois Department of Conservation). Madison, Wisconsin: Heberlein and Baumgartner Research Services.
- Bjornstad, D., Cummings, R., & Osborne, L. (1997). A learning design for reducing hypothetical bias in the contingent valuation method. Environmental and Resource Economics, 10, (3), 207-221.

- Bleichrodt, Hans, & Gafni, Amiram. (1996). Time preference, the discounted utility model and health. Journal of Health Economics, 15, 49-66.
- Boardman, A.E., Greenberg, D.H., Vining, A.R., & Weimer, D. (1996). Cost-benefit analysis: Concepts and practice. Prentice Hall, Inc.
- Boyle, K. J., Poe, G.L., & Bergstrom, J.C. (1994). What do we know about groundwater values? Preliminary implications for a meta analysis of contingent-valuation studies. American Journal of Agricultural Economics, 76, 1055-1061.
- Brajer, V., Hall, J.V., & Rowe, R. (1991). The value of cleaner air: An integrated approach. Contemporary Policy Issues, 9, 81-91.
- Brickman, Philip, & Campbell, Donald. (1977). Hedonic relativism and planning the good society. In M.H. Appley (Ed.), Social comparison processes: Theoretical and empirical perspectives. New York: Wiley/Halsted.
- Brocks, Tracey E. (1996). Comparing contingent valuation and conjoint analysis for valuing the proposed Conte national wildlife refuge. Unpublished master's thesis, Department of Resource Economics, University of Massachusetts-Amherst.
- Brookshire, D.S., Coursey, D.L., & Radosevich, K.M. (1986). Market methods of benefits, some future results. Paper presented at the Workshop on Integrating Psychology and Economics in Valuing Public Amenity Resources, Estes Park, CO.
- Brookshire, D.S., Coursey, D.L., & Schulze, W.D. (1986). Experiments in the solicitation of public and private values: An overview. In L. Green and J. Kasel (Eds.), Advances in Behavioral Economics. Greenwich, Connecticut: JAI Press.
- Brookshire, David S., & Coursey, Don L. (1987). Measuring the value of a public good: An empirical comparison of elicitation procedures. The American Economic Review, 77, (4), 554-566.
- Brookshire, D.S., Randall, A., & Stoll, J.R. (1980). Valuing increments and decrements in natural resource service flows. American Journal of Agricultural Economics, 62, (3), 1980, 478-488.
- Brown, T.C., Champ, P., Bishop, R., & McCollum, D. (1996). Which response format reveals the truth about donations to a public good? Land Economics, 72, (2), 152-166.
- Burmester, David E., & Harris, Robert H. (1982). Synthetic organic chemicals are contaminating groundwater in many parts of the nation, possibly posing unacceptable risks to human health. Technology Review, 51-62.

- Cairns, J.A. (1992). Health, wealth, and time preference. Project Appraisal, 7, 31-40.
- Cairns, J.A. (1994). Valuing future benefits. Health Economics, 3, 221-229.
- Calabrese, E., Tuthill, R. & Condie, L. (Eds.). (1985). Inorganics in drinking water and cardiovascular disease. Princeton, N.J.: Princeton Scientific Publishing Co. Inc.
- Carson, R.T., Hanemann, W.M., & Mitchell, R.C. (1986). Determining the demand for public goods by simulating referendums at different tax prices. Unpublished manuscript, University of California, San Diego.
- Carson, R.T., Hanemann, W.M., Knopp, R.J., Krosnick, J.A., Mitchell, R.C., Presser, S., Rund, P.A., & Smith, V.K. (1994). Prospective interim lost value due to DDT and PCB contamination in the southern California bight (a report of Natural Resource Damage, Inc. and Industrial Economics, Inc. to the United States National Oceanic and Atmospheric Administration).
- Carson, Richard T., & Mitchell, Robert C. (2000). Public preference toward environmental risks: The case of trihalomethanes (discussion paper 2000-21). San Diego, California: University of California San Diego, Department of Economics.
- Cattin, Philippe, & Wittink, Dick R. (1982). Commercial use of conjoint analysis: A Survey. Journal of Marketing, 46, 44-53.
- Caudill, J.D. (1992). The valuation of groundwater pollution policies: The differential impacts of prevention and remediation. Unpublished doctoral dissertation, Department of Agricultural Economics, Michigan State University.
- Champ, P., Bishop, R., Brown, T.C., & McCollum, D. (1997). Using donation mechanisms to value nonuse benefits from public goods. Journal of Environmental Economics and Management, 33, (2), 151-162.
- Chapman, Gretchen B. (1996). Temporal discounting and utility for health and money. Journal of Experimental Psychology: Learning, Memory, and Cognition, 22, (3), 771-791.
- Chapman, G.B., & Elstein, A.S. (1995). Valuing the future: discounting health and money. Medical Decision Making, 15, 373-386.

- Chestnut, L.G., & Rowe, R.D. (1990). Preservation value for visibility protection at the national parks (draft final report to US Environmental Protection Agency and RCG/Hagler Bailey). Washington, D.C.: United States Environmental Protection Agency.
- Clarke, Edward H. (1971). Multipart pricing of public goods. Public Choice, 11, 19-33.
- The Commonwealth of Massachusetts. (1999). Commonwealth Communities [On-line]. Available: <http://www.state.ma.us/cc/index.html>
- The Commonwealth of Massachusetts. (2000, July). 305(b) State Water Quality Report (Available from the Massachusetts Department of Environmental Protection, Division of Watershed Management, 627 Main Street, 2nd Floor, Worcester, MA 01608).
- Corso, P.S., Hammitt, J.K., & Graham, J.D. (1999). Evaluating the effect of visual aids on willingness to pay for reductions in mortality risk. Cambridge, Massachusetts: Harvard Center for Risk Analysis.
- Coursey, D.L., Hovis, J., & Schulze, W.D. (1987). The disparity between willingness to accept and willingness to pay measures of value. Quarterly Journal of Economics, 102, 679-690.
- Coyle, Douglas, & Tolley, Keith. (1992). Discounting of health benefits in the pharmacoeconomic analysis of drug therapies: An issue for debate? PharmacoEconomics, 2, 153-162.
- Cropper, M., Aydede, S., & Portney, P. (1991). Discounting human lives. American Journal of Agricultural Economics, 1410-1415.
- Cropper, M., Aydede, S., & Portney, P. (1992). Rates of time preference for saving lives. The American Economic Review (Papers and Proceedings), 82, (2), 469-472.
- Cropper, M., Aydede, S., & Portney, P. (1994). Preferences for life saving programs: How the public discounts time and age. Journal of Risk and Uncertainty, 8, 1994, 243-265.
- Cropper, Maureen, & Laibson, David. (1999). The implications of hyperbolic discounting for project evaluation. In P.R. Portney, & J.C. Weyant (Eds.), Discounting and intergenerational equity (pp. 163-172). Washington, D.C.: Resources for the Future.
- Cropper, Maureen, & Oates, Wallace. (1992). Environmental economics: A survey. Journal of Economic Literature, 30, 675-740.

- Crutchfield, S.R., Cooper, J.C., & Hellerstein, D. (1997, June). Benefits of safer drinking water: The value of nitrate reduction (Economic Research Service Report, Agricultural Economics report 752). Washington, D.C.: United States Dept. of Agriculture.
- Cummings, R.G., Brookshire, D.S., & Schulze, W.D. (Eds.). (1986). Valuing environmental goods: A state of the art assessment of the contingent valuation method. Totowa, New Jersey: Rowman & Allanheld.
- Cummings, R.G., Elliott, S., Harrison, G., & Murphy, James. (1997). Are hypothetical referenda incentive compatible? Journal of Political Economy, 3, (105), 609-621.
- Cummings, R.G., Harrison, G.W., & Ruström, E.E. (1995). Homegrown values and hypothetical surveys: Is the dichotomous choice approach incentive compatible? The American Economic Review, 85, (1), 260-266.
- Cummings, Ronald G., & Taylor, Laura O. (1999). Unbiased value estimates for environmental goods: A cheap talk design for the contingent valuation method. The American Economic Review, 89, (3), 649-665.
- Darling, Arthur H. (1973). Measuring benefits generated by urban water parks. Land Economics, 49 (1), 22-34.
- Davies, J.C., Covello, V.T., & Allen, F.W. (Eds.). (1987). Risk communication: Proceedings of the conference on risk communication. Washington, D.C.: The Conservation Foundation.
- Davis, Robert K. (1963). Recreation planning as an economic problem. Natural Resources Journal, 3 (2), 239-249.
- Davis, Robert K. (1964). The value of big game hunting in a private forest. In Transactions of the 29th North American wildlife and natural resources conference. Washington, D.C.: Wildlife Management Institute.
- Desvousges, William H., & Smith, V. Kerry. (1983). Option price estimates for water quality improvements: A contingent valuation study for the Monogahlea River. Journal of Environmental Economics and Management, 14, 248-267.
- Desvousges, W.H., Smith, V.K., & McGivney, M.P. (1983). A comparison of alternative approaches for estimating recreation and related benefits of water quality improvements (report to the United States Environmental Protection Agency, EPA-230-05-83-001). Washington, D.C.: Office of Policy Analysis, United States Environmental Protection Agency.

- Diamond, P., & Hausman, J. (1993). On contingent valuation measurement of nonuse values. In J. Hausman (Ed.), Contingent valuation: A critical assessment (pp. 3-38). Amsterdam: Elsevier Science Publishers.
- Diamond, P., & Hausman, J. (1994). Contingent valuation: Is some numbers better than no number? Journal of Economic Perspectives, 8, 45-64.
- Dickie, M., Fisher, A., & Gerking, S. (1987). Market transactions and hypothetical demand data: A comparative study. Journal of the American Statistical Association, 82, 69-75.
- Dillman, Don A. (1978). Mail and telephone surveys: The total design method. New York: John Wiley & Sons.
- Dobb, M. (1960). An essay on economic growth and planning. New York: Monthly Review Press.
- Dreze, J., & La Vallee Poussin, D. (1971). A tatonnement process for public goods. Review of Economic Studies, 38, 133-150.
- Drummond, M.F., Stoddart, G.L., & Torrance, G.W. (1987). Methods for the economic evaluation of health care programs. Oxford: Oxford University Press.
- Duffield, John W., & Patterson, David A. (1992). Field testing existence values: An instream flow trust fund for Montana rivers. Unpublished manuscript, University of Montana.
- Eckstein, O. (1957). Investment criteria for economic development and the theory of intertemporal welfare economics. Quarterly Journal of Economics, 71, (1), 56-85.
- Edwards, S.F. (1988). Option prices for groundwater protection. Journal of Environmental Economics and Management, 15, 475-487.
- Efron, Bradley. (1979). Bootstrapping methods: another look at the jackknife. Annals of Statistics, 7, 1-26.
- Efron, B., & Tibshirani, R.J. (1994). An introduction to the bootstrap. Monographs on Statistics and Applied Probability, 57, CRC Press.
- Ekstrand, Earl R., & Loomis, John. Estimating willingness to pay for protecting critical habitat for threatened and endangered fish with respondent uncertainty. Unpublished manuscript.

- Fabian, Robert. (1994). The quality approach. In G. Tolley, D. Kenkel, & R. Fabian (Eds.), Valuing health for policy: An economic approach (pp. 118-136). Chicago, IL: The University of Chicago Press.
- Field, Barry. (1994). Environmental economics: An introduction. New York: McGraw-Hill, Inc.
- Fischhoff, Baruch. (1990). Understanding long-term environmental risks. Journal of Risk and Uncertainty, 3, 315-330.
- Fisher, Irving. (1930). The Theory of Interest. New York: Macmillan.
- Fox, J., Shogren, J., Hayes, D., & Kleinbenstein, J. (1998). CVM-X: Calibrating contingent values with experimental auction markets. American Journal of Agricultural Economics, 80, (3), 455-465.
- Frank, Robert H. (1991). Microeconomics and behavior. New York: McGraw-Hill.
- Frank Robert H. (1992). Frames of reference and the intertemporal wage profile. In G. Loewenstein and J. Elster (Eds). Choice over time (pp. 371-382). New York: The Russell Sage Foundation.
- Frank, R.H., & Hutchens, R. (1993). Wages, seniority and the demand for rising consumption profiles. Journal of Economic Behavior and Organization, 21, 251-276.
- Frederick, S., & Fischhoff, B. (1998). Scope (in)sensitivity in elicited valuations. Risk, Decision, and Policy, 3, 109-124.
- Fuchs, Victor R., & Zeckhauser, Richard. (1987). Valuing health-a 'priceless' commodity. The American Economic Review (Papers and Proceedings), 77, 263-268.
- Gafni, A. (1994). The standard gamble method: What is being measured and how it is interpreted. Health Services Research, 29, 207-224.
- Gafni, A., & Torrance, G.W. (1984). Risk attitude and time preference in health. Management Science, 30, 440-451.
- Gately, D. (1980). Individual discount rates and the purchase and utilization of energy-using durables: Comment. Bell Journal of Economics, 11, 373-374.
- Gerking, S., De Haan, M., & Schulze, W. (1988). The marginal value of job safety: A contingent valuation study. Journal of Risk and Uncertainty, 1, 185-199.

- Ghosh, D., Lees, D., & Seal, W. (1975). Optimal motorway speed and some valuations of time and life. Manchester School of Economics and Social Studies, 43, (2),134-143.
- Goodin, Robert E. (1982). Discounting discounting. Journal of Public Policy, 2, (1), 53-72.
- Greene, William H. (2000). Econometric analysis (4th edition). New Jersey: Prentice Hall.
- Greenley, D.A., Walsh, R.G., & Young, R.A. (1981). Option value: Empirical evidence from a case study of recreation and water quality. Quarterly Journal of Economics, 96, (4), 657-672.
- Groothuis, Peter A., & Miller, Gail. (1994). Locating hazardous waste facilities: The influence of NIMBY beliefs. American Journal of Economics and Sociology, 53, 335-346.
- Groothuis, P.A., Van Houtven, G., & Whitehead, J.C. (1998). Using contingent valuation to measure the compensation required to gain community acceptance of a LULU: The case of a hazardous waste disposal facility. Public Finance Review, 26, 231-249.
- Groothuis, Peter A., & Whitehead, John C. (1997). Does don't know mean no? Analysis of 'Don't Know' responses in dichotomous choice contingent valuation questions. Unpublished manuscript.
- Groves, Theodore. (1973). Incentive in teams. Econometrica, 41, 617-631.
- Groves, Theodore, & Ledyard, John O. (1977). Optimal allocation of public goods: A solution to the free rider problem. Econometrica, 45, (4), 783-809.
- Groves, Theodore, & Loeb, Martin. (1975). Incentives and public inputs. Journal of Public Economics, 4, 211-226.
- Hammack, Judd, & Brown, Gardner Mallard, Jr. (1974). Waterfowl and wetlands: Toward bioeconomic analysis. Baltimore, Maryland: The John Hopkins University Press for Resources for the Future.
- Hammitt, James K. (1990). Risk perceptions and food choice: An exploratory analysis of organic-versus-conventional produce buyers. Risk Analysis, 10, 367-374.
- Hammitt, James K. (2000, May). Evaluating contingent valuation of environmental health risks: The proportionality test. Association of Environmental and Resource Economists Newsletter, 20, (1), 14-19.

- Hammitt, James K., & Graham, John D. (1999). Willingness to pay for health protection: Inadequate sensitivity to probability? Journal of Risk and Uncertainty, 8, 33-62.
- Hanemann, W.M. (1978). A methodological and empirical study of the recreation benefits from water quality improvement. Unpublished doctoral dissertation, Harvard University.
- Hanemann, W.M. (1982). Quality and demand analysis. In G.D. Rausser (Ed.), New directions in econometric modeling and forecasting in U.S. agriculture, New York: North Holland.
- Hanemann, W.M. (1983a). Marginal welfare changes for discrete choice models. Economic Letters, 13, 129-136.
- Hanemann, W.M. (1983b). Welfare evaluation with simulated and hypothetical market data: Bishop and Heberlein revisited (Giannini Foundation Working Paper, no. 276), University of California-Berkeley.
- Hanemann, W.M. (1984a). Statistical issues in the discrete-response contingent valuation studies. Northeastern Journal of Agricultural and Resource Economics, 14, 5-12.
- Hanemann, W.M. (1984b). Welfare evaluations in contingent valuation experiments with discrete responses. American Journal of Agricultural Economics, 66, 322-341.
- Hanemann, W.M. (1986a). Willingness to pay and willingness to accept: How much can they differ? Unpublished manuscript, Department of Agricultural and Resource Economics, University of California-Berkeley.
- Hanemann, W.M. (1986b, February). Implications from biometrics for the design of dichotomous choice contingent valuation markets. Paper presented at the United States Department of Agriculture Conference of Research Issues in Resource Decisions Involving Marketed and Nonmarketed Goods, San Diego, California.
- Hanemann, W.M. (1986c). Weak complementarity revisited. Unpublished manuscript, University of California-Berkeley.
- Hanemann, W.M. (1994). Contingent valuation and economics (paper 697), Department of Resource Economics, University of California at Berkeley.
- Hanley, Nick, & Spash, Clive L. (1993). Cost-benefit analysis and the environment. England: Edward Elgar Publishing Company.

- Harrington, W., Krupnick, A.J., & Spofford, W.O., Jr. (1990). The economic losses of a waterborne disease outbreak. Journal of Urban Economics, 25, 116-137.
- Harrington, Winston, & Portney, Paul. (1987). Valuing the benefits of health and safety regulations. Journal of Urban Economics, 22, 116-137.
- Harrison, Glenn W., & Rutström, E. Elisabet. (1999). Experimental evidence on the existence of hypothetical bias in value elicitation methods. Unpublished manuscript.
- Harrod, R.F. (1948). Towards a Dynamic Economics. London: Macmillan.
- Harvey, Charles M. (1994). The reasonableness of non-constant discounting. Journal of Public Economics, 53, 31-51.
- Hausman, Jerry A. (1979). Individual discount rates and the purchase and utilization of energy-using durables. The Bell Journal of Economics, 11, 33-54.
- Hausman, Jerry A., (Ed.). (1993). Contingent valuation: A critical assessment. Amsterdam: Elsevier Science Publishers.
- Hausman, J., & McFadden, D. (1984). A specification test for the multinomial logit model. Econometrica, 52, 1219-1240.
- Henderson, Norman, & Bateman, Ian. (1995). Empirical and public choice evidence for hyperbolic social discount rates and the implications for intergenerational discounting. Environmental and Resource Economics, 5, 413-423.
- Herrnstein, R. (1961). Relative and absolute strength of response as a function of frequency of reinforcement. Journal of the Experimental Analysis of Behavior, 4, 267-272.
- Hicks, John R. (1941). The rehabilitation of consumer surplus. Review of Economic Studies, 8, 108-116.
- Hicks, John R. (1943). The four consumer surpluses. Review of Economic Studies, 11, 31-41.
- Hicks, John R. (1956). A Revision of Demand Theory. Oxford: Clarendon Press.
- Hicks, J.R. and Allen, R.G.D. (1934). A reconsideration of the theory of value. Economica, 1, (1), 52-76, and (2), 196-219.
- Hoehn, John P., & Randall, Alan. (1983). Incentives and performance in contingent valuation policy. Paper presented at the American Agricultural Economics Association Summer Meetings, Purdue University.

- Hoehn, John P., & Randall, Alan. (1985). A satisfactory benefit cost indicator from contingent valuation (staff paper 85-4), Department of Agricultural Economics, Michigan State University.
- Hoehn, John P., & Randall, Alan. (1987). A satisfactory benefit cost indicator from contingent valuation. Journal of Environmental Economics and Management, 14, 226-247.
- Holmes, Thomas P. (1990). Self-interest, altruism, and health-risk reduction: An economic analysis of voting behavior. Land Economics, 66, (2), 140-149.
- Horowitz, J. (1991). Discounting monetary payoffs: An experimental analysis. In S. Kaish, & B. Gilad (Eds.), Handbook of behavioral economics. Greenwich, Connecticut: JAI Press.
- Hosmer, David W., & Lemeshow, Stanley. (1980). A goodness-of-fit test for the multiple logistic regression model. Communications in statistics, A10, 1043-1069.
- Hosmer, David W., & Lemeshow, Stanley. (1989). Applied logistic regression. New York: John Wiley & Sons.
- Hotz, V.J., Kydland, F.E., & Sedlacek, G.L. (1988). Intertemporal preferences and labor supply. Econometrica, 56, 335-360.
- Irwin, J.R., Slovic, P., Lichtenstein, S., & McClelland, G.H. (1993). Preference reversals and the measurement of environmental values. Journal of Risk and Uncertainty, 6, 5-18.
- Johannesson, M., Johansson, P.-O., & Lofgren, K.-G. (1997). On the value of changes in life expectancy: Blips versus parametric changes. Journal of Risk and Uncertainty, 15, 221-239.
- Johannesson, M., & Jonsson, B. (1991). Willingness to pay for antihypertensive therapy-results of a Swedish pilot study. Journal of Health Economics, 10, 461-474.
- Johannesson, M., Liljas, B., & Johansson, P.-O. (1998). An experimental comparison of dichotomous choice contingent valuation questions and real purchase decisions. Applied Economics, 30, 643-647.
- Johansen, L. (1977). The theory of public goods: Misplaced emphasis. Journal of Public Economics, 7, 147-152.

- Johnson, Desvouges, Fries, & Wood. (1995). Conjoint analysis of individual and aggregate environmental preferences (technical working paper No. T-9502), Research Triangle Park, North Carolina: Triangle Economic Research.
- Jones-Lee, M., Hammerton, M., & Philips, P. (1985). The value of safety: Results of a national survey. The Economic Journal, 95, 49-72.
- Jones-Lee, M., & Loomes, G. (1995). Discounting and safety. Oxford Economic Papers, 47, 501-512.
- Jordan, J.L., & Elnagheeb, A. (1993). Willingness to pay for improvements in drinking water quality. Water Resources Research, 29, (2), 237-45.
- Kahneman, Daniel J. (1986). Comments. In R.G. Cummings, D.S. Brookshire, & W.D. Schulze (Eds.), Valuing environmental goods. Totawa, New Jersey: Rowman and Allanheld.
- Kahneman, Daniel J., & Knetsch, Jack L. (1992). Valuing public goods: The purchase of moral satisfaction. Journal of Environmental Economics and Management, 22, 57-70.
- Kahneman, D.J., Knetsch, J.L., & Thaler, R. (1986). Fairness as a constraint on profit-seeking: Entitlements in the Market. The American Economic Review, 76 (4), 728-741.
- Kahneman, D.J., Slovic, P., & Tversky, A. (Eds.). (1982). Judgement under uncertainty: Heuristics and biases. New York: Cambridge University Press.
- Kahneman, Daniel J., & Thaler, R. (1991). Economic analysis and the psychology of utility: Applications to compensation policy. The American Economic Review (Papers and Proceedings), 81, 341-346.
- Kahneman, Daniel J., & Tversky, Amos. (1973). On the psychology of prediction. Psychology Review, 80, 237-251.
- Kahneman, Daniel J., & Tversky, Amos. (1979). Prospect theory: An analysis of decision under risk. Econometrica, 47, (2), 263-291.
- Kaldor, N. (1939). Welfare propositions in economics. Economic Journal, 49, (195), 549-552.
- Kaplan, R.M., Bush, J.W., & Berry, C.C. (1976). Health status: Types of validity and the index of well-being. Health Services Research, 11, 478-507.

- Kasperson, R.E., Renn, O., Slovic, P., Brown, H.S., Emel, J., Goble, R., Kasperson, J.X., & Ratick, S. (1988). The social amplification of risk: A conceptual framework. Risk Analysis, 8, 177-187.
- Keeler, Emmett, & Cretin, Shan. (1983). Discounting of life saving and other nonmonetary effects. Management Science, 29, (3), 300-306.
- Kenkel, Donald. (1994). Cost of illness approach. In George Tolley, Donald Kenkel, & Robert Fabian (Eds.), Valuing health for policy: An economic approach (pp. 42-71). Chicago, IL: The University of Chicago Press.
- Kenkel, Donald. (1997). On valuing morbidity, cost-effectiveness analysis, and being rude. Journal of Health Economics, 16, 749-757.
- Knetsch, Jack L., & Sinden, J.A. (1984). Willingness to pay and compensation demanded: Experimental evidence of an unexpected disparity in measures of value. Quarterly Journal of Economics, 99, 507-521.
- Kopp, Raymond J., & Portney, Paul R. (1999). Mock referenda for intergenerational decisionmaking. In P.R. Portney, & J.C. Weyant (Eds.), Discounting and intergenerational equity (pp. 87-98). Washington, D.C.: Resources for the Future.
- Krahn, M., & Gafni, A. (1993). Discounting in the economic evaluation of health care interventions. Medical Care, 31, 403-418.
- Krupnick, A.J., Alberini, A., Cropper, M.L., Simon, N., O' Brien, B., Goeree, R., & Heintzelman, M. (2000). Age, health and the willingness to pay for mortality risk reductions: A contingent valuation survey of Ontario residents. Unpublished manuscript.
- Krupnick, Alan J., & Cropper, Maureen L. (1992). The effect of information on health risk valuations. Journal of Risk and Uncertainty, 10, 29-48.
- Krutilla, John V. (1967). Conservation reconsidered. The American Economic Review, 57, 787-796.
- Kunreuther, H., Ginsberg, R., Miller, L., Sagi, P., Slovic P., Borkan, B., & Katz, N. (1978). Disaster insurance protection: Public policy lessons. New York: Wiley.
- Kurtz, M., Spiegelman, R.S., & West, R.W. (1973). The experimental horizon and the rate of time preference for the Seattle and Denver income maintenance experiments. Stanford, CA: Stanford Research Institute.
- Landsberger, M. (1971). Consumer discount rate and the horizon: New evidence. Journal of Political Economy, 79, 1346-1359.

- Lawrance, Emily C. (1991). Poverty and the rate of time preference: Evidence from panel data. Journal of Political Economy, 99, 54-77.
- Leigh, J Paul. (1986). Accounting for tastes: Correlates of risk and time preferences. Journal of Post Keynesian Economics, 9, (1), 17-31.
- Lemeshow, Stanley, & Hosmer, David W. (1982). The use of goodness-of-fit statistics in the development of logistic regression models. American Journal of Epidemiology, 115, 92-106.
- Li, C., & Mattsson, L. (1995). Discrete choice under preference uncertainty: An improved structural model for contingent valuation. Journal of Environmental Economics and Management, 28, 256-269.
- Lind, Robert C. (Ed.). (1982). Discounting for time and risk in energy policy. Washington D.C.: Resources for the Future.
- Lind, Robert C. (1999). Analysis for intergenerational decision making. In P.R. Portney & J.C. Weyant (Eds.), Discounting and intergenerational equity (pp. 173-180). Washington, D.C.: Resources for the Future.
- Loewenstein, George. (1987). Anticipation and the valuation of delayed consumption. Economic Journal, 97, 666-684.
- Loewenstein, George. (1988). Frames of mind in intertemporal choice. Management Science, 34, 200-214.
- Loewenstein, George. (1992). The fall and rise of psychological explanations in the economics of intertemporal choice. In G. Loewenstein & J. Elster (Eds.), Choice over time (pp. 3-34). New York: The Russell Sage Foundation.
- Loewenstein, George, & Elster, Jon (Eds.). (1992). Choice over time. New York: The Russell Sage Foundation.
- Loewenstein, George, & Prelec, Drazen. (1991). Negative time preference. The American Economic Review (Papers and Proceedings), 81, (2), 347-352.
- Loewenstein, George, & Prelec, Drazen. (1992). Anomalies in intertemporal choice: Evidence and an interpretation. Quarterly Journal of Economics, 107, 573-596.
- Loewenstein, George, & Sicherman, N. (1991). Do workers prefer increasing wage profiles? Journal of Labor Economics, 9, 67-84.
- Loewenstein, George, & Thaler, Richard. (1989). Intertemporal choice. Journal of Economic Perspectives, 3, (4), 181-193.

- Loomis, John B., & duVair, Pierre H. (1993). Evaluating the effect of alternative risk communication devices on willingness to pay: Results from a dichotomous choice contingent valuation experiment. Land Economics, 69, (3), 287-298.
- Loomis, J.B., Gonzalez-Caban, A., & Gregory, R. (1994). Substitutes and budget constraints in contingent valuation. Land Economics, 70, (4), 499-506.
- Luckert, Martin, & Adamowicz, Wiktor. (1993). Empirical measures of factors affecting social rates of discount. Environmental and Resource Economics, 3, (1), 1-21.
- Lyon, Randolph M. (1990). Federal discount policy, the shadow price of capital, and challenges for reform. Journal of Environmental Economics and Management, 18, (2), part 2, S29-S50, Appendix I.
- MacFarland, K., Malm, W., & Molenar. (1983). An examination of methodologies for assessing the value of visibility. In R. Rowe and L. Chestnut (Eds.), Managing air quality and scenic resources at national parks and wilderness areas. Boulder, CO: Westview Press.
- Machina, M.J. (1987). Choice under uncertainty: Problems solved and unsolved. Journal of Economic Perspectives, 1, 121-154.
- MacKeigan, L.D., Larson L.N., Draugalis, J.R., Bootman, J.L., & Burns, L.R. (1993). Time preference for health gains versus health losses. PharmacoEconomics, 3, 1-11.
- Mackenzie, John. (1990). Conjoint analysis of deer hunting. Northeastern Journal of Agricultural and Resource Economics, 19, (2), 109-117.
- Mackenzie, John. (1993). A comparison of contingent preference models. American Journal of Agricultural Economics, 75, 593-603.
- Magat, W.A., Viscusi, W.K., & Huber, J. (1988). Paired comparison and contingent valuation approaches to morbidity risk valuation. Journal of Environmental Economics and Management, 15, 395-411.
- Malivund, E. (1971). A planning approach to the public goods production. Swedish Journal of Economics, 73, 96-112.
- Mandated clean-air fuel additive, MTBE, discovered in groundwater: Efforts to control air pollution now threaten water quality. (2000, June). The Aquifer, 15, (1), 1-4.
- Mansager, Elizabeth A. (1993). A model to examine cross-contaminant effects of regulation on groundwater. Unpublished master's thesis, Department of Resource Economics, University of Massachusetts at Amherst.
- Marglin, S.A. (1963). The social rate of discount and the optimal rate of investment. Quarterly Journal of Economics, 77, (1), 95-111.

- Margolis, Howard. (1982). Selfishness, altruism, and rationality: A theory of social choice. New York: Cambridge University Press.
- Marshall, Alfred. (1890). Principles of economics. London: Macmillan.
- Mauskopf, J., & French, M.T. (1989). Estimating the value of avoiding morbidity and mortality from foodborne illnesses. Research Triangle Park, North Carolina: Research Triangle Institute, Center for Economic Research.
- McClelland, E., & Whittington, D. (1994). The effect of information treatments on 'Don't Know' responses in contingent valuation surveys. Washington, D.C.: United States Environmental Protection Agency, Oceans and Coastal Protection Division.
- McClelland, G.H. et al. (1993). Methods for measuring non-use values: a contingent valuation study of groundwater cleanup (final report to US Environmental Protection Agency, Planning and Evaluation, Office of Policy, Cooperative Agreement #CR-815183). Washington D.C.: US Environmental Protection Agency.
- McFadden, Daniel. (1973). Conditional logit analysis of qualitative choice behavior. In P. Zarembka (Ed.), Frontiers in econometrics (pp. 105-142). New York: Academic Press.
- McNeil, B.J., Pauker, S.G., Sox, H.C., & Tversky, A. (1982). On the elicitation of preferences for alternative therapies. New England Journal of Medicine, 306, 1259-1262.
- Mill, John Stuart. (1848). Principles of political economy (2 volumes). New York: Appleton.
- Miller, T.R., Calhoun, C., & Arthur, W.B. (1990). Utility-adjusted impairment years: A low-cost approach to morbidity valuation. Washington, D.C.: Federal Highway Administration.
- Mitchell, Robert C., & Carson, Richard T. (1981). An experiment in determining willingness to pay for national water quality improvements (draft report). Washington, D.C.: United States Environmental Protection Agency.

- Mitchell, Robert C., & Carson, Richard T. (1984). A contingent valuation estimate of national freshwater benefits (technical report to the United States Environmental Protection Agency). Washington, D.C.: Resources for the Future.
- Mitchell, Robert C., & Carson, Richard T. (1989). Using surveys to value public goods: The contingent valuation method. Washington, D.C.: Resources for the Future.
- Moore, Michael J., & Viscusi, W. Kip. (1990a). Compensation mechanisms for job risks. Princeton, New Jersey: Princeton University Press.
- Moore, Michael J., & Viscusi, W. Kip. (1990b). Discounting environmental health risks: New evidence and policy implications. Journal of Environmental Economics and Management, 18, S-51-S-62.
- MTBE control in gasoline. (2000, June). The Aquifer, 15, (1), 4.
- Muller, A., & Reutzel, T.J. (1984). Willingness to pay for reduction in fatality risk: An exploratory survey. American Journal of Public Health, 74, 808-812.
- Nachtman, Steven C. (1983). Valuation of the Maroon Valley Mass Transit System for recreational visitors. Unpublished master's thesis, School of Forestry and Natural Resources, Colorado State University.
- Neill, Helen R. (1995). The context for substitutes in CVM studies: Some empirical observations. Journal of Environmental Economics and Management, 29, (3), 393-97.
- Ng, Y.-K. (1989). What should we do about future generations? Impossibility of Parfit's Theory X. Economics and Philosophy, 5, 235-253.
- Nordhaus, William D. (1999). Discounting and public policies that affect the distant future. In P.R. Portney & J.C. Weyant (Eds.), Discounting and intergenerational equity (pp. 145-162). Washington, D.C.: Resources for the Future.
- Olsen, Jan Abel. (1993a). Time preference for health gains: An empirical investigation. Health Economics, 12, 257-265.
- Olsen, Jan Abel. (1993b). On what basis should health be discounted? Journal of Health Economics, 12, 39-53.
- Olson, M., & Bailey, M.J. (1981). Positive time preference. Journal of Political Economy, 89, 1-25.

- Opaluch, J.J., & Segerson, K. (1989). Rational roots of 'irrational' behavior: New theories of economic decision making. Northeastern Journal of Agricultural and Resource Economics, 18, 81-95.
- Parfit, D. (1984). Reasons and persons. Oxford: Clarendon Press.
- Parsonage, Michael, & Neuburger, Henry. (1992). Discounting and health benefits. Health Economics, 1, 71-79.
- Phelps, E.S., & Pollack, R. (1968). On second-best national saving and game-equilibrium growth. Review of Economic Studies, 35, (2), 185-199.
- Pigou, A.C. (1920). The economics of welfare. London: Macmillan (reprint, Macmillan, 1960).
- Poe, Gregory L. (1993). Information, risk perceptions and contingent values: The case of nitrates in groundwater. Unpublished doctoral dissertation, Department of Agricultural Economics, University of Wisconsin, Madison.
- Poe, G.L., Welsh, M.P., & Champ, P.A. (1997). Measuring the difference in mean willingness to pay when dichotomous choice contingent valuation responses are not independent. Land Economics, 73, (2), 255-267.
- Polasky, S., Gainutdinova, O., & Kerkvliet, J. (1996). Comparing CV responses with voting behavior: Open space survey and referendum in Corvallis, Oregon (W-133 Benefits and Costs Transfer in Natural Resources Planning, 9th Interim Report). Department of Economics, Iowa State University.
- Portney, Paul R., & Weyant, John C. (Eds.). (1999). Discounting and intergenerational equity. Washington, D.C.: Resources for the Future.
- Powell, J.R. (1991). The value of groundwater protection: Measurement of willingness to pay information and its utilization by local government decision-makers. Unpublished doctoral dissertation, Cornell University.
- Q & A: The proposed groundwater rule. (2000, June). The Aquifer, 15, (1), 9.
- Ramsey, F.P. (1928). A mathematical theory of saving. Economic Journal, 38, 543-559.
- Randall, A. (1986). The possibility of satisfactory benefit estimation with contingent markets. In R.G. Cummings, D.S. Brookshire, & W.D. Schulze (Eds.), Valuing environmental goods. Totowa, New Jersey: Rowman and Allanheld.
- Randall, A. (1994). Passive use values and contingent valuation. Choices, 2nd quarter, 12-15.

- Randall A., & Stoll, John R. (1980). Consumer's surplus in commodity's space. The American Economic Review, 70, (3), 449-455.
- Rawls, J. (1971). A theory of justice. Cambridge, Massachusetts: Harvard University Press.
- Ready, R., Whitehead, J., & Blomquist, G. (1995). Contingent valuation when respondents are ambivalent. Journal of Environmental Economics and Management, 29, 181-196.
- Redelmeier, D.A., & Heller, D.N. (1993). Time preference in medical decision making and cost effectiveness analysis. Medical Decision Making, 13, 212-217.
- Redelmeier, D.A., Heller, D.N., & Weinstein, M.C. (1994). Time preference in medical economics: Science or religion? Medical Decision Making, 14, (3), 301-303.
- Ridker, Ronald G. (1967). Economic costs of air pollution. New York: Praeger.
- Roach, Brian A. (1990). Valuing changes in drinking water quality using averting expenditures. Unpublished master's thesis, Department of Agricultural Economics and Rural Sociology, The Pennsylvania State University.
- Robbins, L. (1932). An essay on the nature and significance of economic science. London: Macmillan.
- Roberts, K.J., Thompson, M.E., & Pawlyk, P.W. (1985). Contingent valuation of recreational diving at petroleum rigs, Gulf of Mexico. Transactions of the American Fisheries Society, 114, (2), 214-219.
- Robinson, James C. (1990). Philosophical origins of the social rate of discount in cost-benefit analysis. The Milbank Quarterly, 68, (2), 245-265.
- Roe, B., Boyle, K., & Teisl, M. (1996). Using conjoint analysis to derive estimates of compensating variation. Journal of Environmental Economics and Management, 31, 145-159.
- Rogers, Alan R. (1994). Evolution of time preference by natural selection. The American Economic Review, 84, (3), 460-481.
- Rosen, Sherwin. (1981). Valuing health risks. The American Economic Review (Papers and Proceedings), 71, 241-245.

- Ross, W.T., Jr., & Simonson, I. (1990). Consumers' evaluation of purchase and consumption experiences: A preference for happy endings. Unpublished manuscript.
- Rowe, Robert D., & Chestnut, L.G. (1984). Valuing changes in morbidity: Willingness to pay versus cost of illness measures (report to the Energy and Resources Consultants). Boulder, CO.
- Rowe, R.D., d'Arge, R.C., & Brookshire, D.S. (1980). An experiment on the economic value of visibility. Journal of Environmental Economics and Management, 7, 1-19.
- Sagoff, Mark. (1988). The economy of the earth. Cambridge: Cambridge University Press.
- Sagoff, Mark. (1996). On the value of endangered and other species. Environmental Management, 20, (6), 897-911.
- Samuelson, Paul. (1937). A note on measurement of utility. Review of Economic Studies, 4, 155-161.
- Samuelson, Paul. (1938). A note on the pure theory of consumer's behavior. Economica, 5, (17), 61-71.
- Samuelson, Paul. (1950). Evaluation of real national income. Oxford Economic Papers, 2, (1), 1-29.
- Samuelson, Paul. (1954). The pure theory of public expenditure. Review of Economics and Statistics, 36, 387-389.
- Samuelson, Paul. (1955). Diagrammatic exposition of a theory of public expenditures. Review of Economics and Statistics, 37, 350-356.
- Samuelson, Paul. (1958). Aspects of public expenditure theories. Review of Economics and Statistics, 40, 332-338.
- Samuelson, Paul. (1964). Principles of efficiency: Discussion. The American Economic Review, 54, 93-96.
- Samuelson, Paul. (1969). Pure theory of public expenditure and taxation. In T.Margolis and H. Buitton (Eds.), Public economics. London, England: Macmillan.
- Sarnat, Carol Lee. (1985). A sequential decision framework for evaluating groundwater supply alternatives under uncertainty. Unpublished master's thesis, Department of Resource Economics, University of Massachusetts at Amherst.

- Scheffler, S. (1982). The rejection of consequentialism. New York: Clarendon Press.
- Scheffler, S., (Ed.). (1988). Consequentialism and its critics. New York: Oxford University Press.
- Schelling, Thomas C. (1995). Intergenerational discounting. Energy Policy, 23, 395-401.
- Schelling, Thomas C. (1999). Intergenerational discounting. In P.R. Portney and J.C. Weyant, (Eds.), Discounting and intergenerational equity (pp. 99-101). Washington, D.C.: Resources for the Future.
- Scheraga, Joel. (1990). Perspectives on government discounting policies. Journal of Environmental Economics and Management, 18, S65-S71.
- Schultz, S., & Lindsay, B. (1990). The willingness to pay for groundwater protection. Water Resources Research, 26, 1869-1875.
- Schulze, W.D., Cummings, R.G., Brookshire, D.S., Thayer, M.A., Whitworth, R., & Rahmatian, M. (1983). Methods development in measuring benefits of environmental improvements: Experimental approaches for valuing environmental commodities (volume 2, draft manuscript of a report to the Office of Policy Analysis and Resource Management). Washington, D.C.: United States Environmental Protection Agency.
- Seip, Kalle, & Strand, Jon. (1991). Willingness to pay for environmental goods in Norway: A contingent valuation study with real payment. Unpublished manuscript, SAF Center for Applied Research, Department of Economics, University of Oslo.
- Sen, A.K. (1960). Choice of technique: An aspect of the theory of planned economic development. Oxford: Basil Blackwell.
- Sen, A.K. (1961). On optimizing the rate of saving. Economic Journal, 71, (283), 479-496.
- Sen, A.K. (1982). Approaches to the choice of discount rates for social benefit-cost analysis. In R. Lind (Ed.), Discounting for time and risk in energy policy (pp. 325-353). Washington D.C.: Resources for the Future.
- Shefrin, Hersh M., & Thaler, Richard H. (1988). The behavioral life-cycle hypothesis. Economic Inquiry, 26, 609-643.
- Shogren, Jason. (1993). Experimental markets and environmental policy. Agricultural and Resource Economics Review, 3, 117-129.

- Shortle, James S., & Roach, Brian A. (1989). A diagrammatic analysis of defensive expenditures in a household production framework (Agricultural Economics and Rural Sociology Staff Paper No.171), The Pennsylvania State University.
- Smith, V. Kerry. (1992). Environmental risk perception and valuation: Conventional versus prospective reference theory. In D.W. Bromley and K. Segerson (Eds.), The social response to environmental risk: Policy formulation in the age of uncertainty (pp. 23-56). Dordrecht, The Netherlands: Kluwer Academic Publishers.
- Smith, V. Kerry, & Desvousges, William H. (1986). Averting behavior: Does it exist? Economic Letters, 20, 291-296.
- Smith, V. Kerry, & Desvousges, William H. (1987). An empirical analysis of the economic value of risk changes. Journal of Political Economy, 95, 89-114.
- Smith, V. Kerry, & Desvousges, William H. (1988). Risk perception, learning, and individual behavior. American Journal of Agricultural Economics, 70, 1113-1117.
- Smith, V. Kerry, & Mansfield, Carol. (1997). Buying time: Real and hypothetical offers. Unpublished manuscript, Duke University.
- Smith, V. Kerry, & Osborne, Laura L. (1996). Do contingent valuation estimates pass a 'scope' test? A meta-analysis. Journal of Environmental Economics and Management, 31, (3), 287-301.
- Smith, Vernon L. (1977). The principle of unanimity and voluntary consent in social choice. Journal of Political Economy, 85, (6), 1125-1139.
- Smith, Vernon L. (1979). Incentive compatible experimental processes for the provision of public goods. In Vernon L. Smith (Ed.), Research in experimental economics. Greenwich, Connecticut: JAI Press.
- Smith, Vernon L. (1980). Experiments with a decentralized mechanism for public good decisions. The American Economic Review, 70, (4), 584-599.
- Smith, V.L., Williams, A.W., Bratton, W.K., & Vannoni, M.G. (1982). Competitive market institutions: Double auction vs. sealed bid auctions. The American Economic Review, 72, 58-77.
- Solow, Robert M. (1999). Foreword. In P.R. Portney and J.P. Weyant (Eds.), Discounting and intergenerational equity (pp. vii-ix). Washington, D.C.: Resources for the Future.

- Sorg, Cindy F., & Brookshire, David S. (1984). Valuing increments and decrements of wildlife resources – further evidence (report to the Rocky Mountain Forest and Range Experiment Station). Fort Collins, CO: United States Forest Service.
- Sparco, J. (1995). A conjoint analysis of willingness to pay for changes in groundwater quality. Paper presented at Northeast Agricultural and Resource Economics Association Annual Meetings, Burlington, VT.
- Spofford, W.A., Krupnick, A.J., & Wood, E.F. (1989). Uncertainties in estimates of the costs and benefits of groundwater remediation: Results of a cost-benefit analysis (discussion paper QE89-15). Washington, D.C.: Resources for the Future.
- Stevens, T.H., Barrett, C., & Willis, C.E. (1997). Conjoint analysis of groundwater protection programs. Agricultural and Resource Economics Review, 27, (2), 229-236.
- Stiglitz, Joseph E. (1982). The rate of discount for benefit-cost analysis and the theory of second best. In R. Lind (Ed.), Discounting for time and risk in energy policy (pp. 151-204). Washington D.C.: Resources for the Future.
- Stiglitz, Joseph E. (2000). Economics of the public sector (3rd ed.). New York: W.W. Norton & Company, Inc.
- Sun, Henglun. (1990). An economic analysis of groundwater pollution by agricultural chemical. Unpublished master's thesis, Department of Agricultural and Applied Economics, University of Georgia.
- Sun, H., Bergstrom, J.C., & Dorfman, J.H. (1992). Estimating the benefits of groundwater contamination control. Southern Journal of Agricultural Economics, 24, (2), 63-71.
- Taylor, Laura O. (1998). Incentive compatible referenda and the valuation of environmental goods. Agricultural and Resource Economics Review, 27, (2), 132-139.
- Thaler, Richard. (1981). Some empirical evidence on dynamic inconsistency. Economic Letters, 8, 201-207.
- Thaler, Richard, & Rosen, Sherwin. (1976). The value of saving a life: Evidence from the labor market. In N. Terleckyi (Ed.), Household production and consumption. New York: Columbia University Press.
- Thompson, Mark S. (1986). Willingness to pay and accept risks to cure chronic disease. American Journal of Public Health, 76, 392-396.

- Tolley, G., Kenkel, D., & Fabian, R. (Eds.). (1994). Valuing health for policy: An economic approach., Chicago, IL: The University of Chicago Press.
- Tolley, G.S., Randall, A., Blomquist, G., Fabian, R., Fishelson, G., Frankel, A., Hoehn, J., Krumm, R., & Mensah, E. (1983). Establishing and valuing the effects of improved visibility in the eastern United States (interim report), Washington, D.C.: United States Environmental Protection Agency.
- Torrance, G.W. (1986). Measurement of health state utilities for economic appraisal: A review. Journal of Health Economics, 5, 1-30.
- Tourangeau, R., Rasinski, K.A., Abelson, R.P., D'Andrade, R., & Bradburn, N. (1985). Cognitive aspects of survey responding: Attitudes and explanations (preliminary report on pilot studies). Chicago, Illinois: National Opinion Research Center.
- Tullock, Gordon. (1964). The social rate of discount and the optimal rate of investment: Comment. Quarterly Journal of Economics, 78, 331-336.
- Tversky, Amos, & Kahneman, Daniel. (1974). Judgment under uncertainty: Heuristics and biases. Science, 185, 1124-1131.
- Tversky, Amos, & Kahneman, Daniel. (1981). The framing of decisions and the psychology of choice. Science, 211, 453-458.
- U.S. Census Bureau. (2001). American fact finder-general population and housing characteristics, 1990 [On-line]. Available: <http://www.census.gov>
- U.S. Census Bureau. (2001). USA counties estimates, 1998 [On-line]. Available: <http://www.census.gov/statab/USA98.txt>
- U.S. Environmental Protection Agency. (1997, October). The benefits and costs of the Clean Air Act, 1970-1990 (report to the U.S. Congress).
- U.S. Environmental Protection Agency. (1998, March). State MTBE standards: preliminary data based on UMass survey of states [On-line]. Available: <http://www.epa.gov/swerust1/mtbe/sumtable.htm>
- U.S. Environmental Protection Agency. (1999, November). The benefits and costs of the Clean Air Act Amendments of 1990-2010 (report to the U.S. Congress).
- U.S. Environmental Protection Agency. (2000a). 305(b) report to Congress 1996/1998 [On-line]. Available: <http://www.epa.gov/ow/resources/9698/chap6.html>

- U.S. Environmental Protection Agency (2000b). Current drinking water standards: National primary and secondary drinking water regulations [On-line]. Available: <http://www.epa.gov/safewater/mcl.html>
- U.S. Environmental Protection Agency. (2000c, July 6). EPA takes action to address MTBE contamination (headquarters press release) [On-line]. Available: <http://yosemite.epa.gov/opa/admpress.n>
- U.S. Environmental Protection Agency. (2000d). Ground water contamination in the United States [On-line]. Available: <http://www.epa.gov/seahome/groundwater/src/overview.htm>
- U.S. Environmental Protection Agency. (2000e). Methyl Tertiary Butyl Ether (MTBE) [On-line]. Available: <http://www.epa.gov/goc/mtbe>
- U.S. Environmental Protection Agency. (2000f). Phase I contaminants [On-line]. Available: <http://www.epa.gov/seahome/groundwater/src/phas1.htm>
- U.S. Environmental Protection Agency. (2000g). Phase II contaminants [On-line]. Available: <http://www.epa.gov/seahome/groundwater/src/phas2.htm>
- U.S. Environmental Protection Agency (2000h). A primer on groundwater [On-line]. Available: <http://www.epa.gov/seahome/groundwater/src>
- U.S. Environmental Protection Agency (2000i). Proposed ground water rule [On-line]. Available: <http://www.epa.gov/safewater/gwr.html>
- U.S. Environmental Protection Agency (2000j). Public drinking water systems inventory information [On-line]. Available: <http://www.epa.gov/ogwdw/pwsinv96.html>
- U.S. Environmental Protection Agency. (2001). Ground water quality. In 1998 305(b) Report to Congress [On-line]. Available: <http://www.epa.gov/305b/98report/chap7.pdf>
- U.S. Geological Survey (1995, Spring). Water Resources Update.
- U.S. Geological Survey. (2000). Occurrence of the gasoline additive MTBE in shallow ground water in urban and agricultural areas [On-line]. Available: <http://www.sd.cr.usgs.gov/nawqa/pubs/factsheet/fs114.95/fact.html>
- U.S. Office of Management and Budget. (1972). Circular no. A-94.
- U.S. Office of Management and Budget. (1992). Circular no. A-92.

- Varey, C., & Kahneman, D. (1990). The integration of aversive experiences over time: normative considerations and lay intuitions. Unpublished manuscript, University of California-Berkeley.
- Vice President Gore announces proposed groundwater rule. (2000, June). The Aquifer, 15, (1), 9.
- Viscusi, W. Kip. (1981). Occupational safety and health regulation: Its impact and policy alternatives. In J. Crecine (Ed.), Research in public policy analysis and management, (Volume II). Greenwich, CT: JAI Press.
- Viscusi, W. Kip. (1985). A Bayesian perspective on biases in risk perception. Economic Letters, 17, 59-62.
- Viscusi, W. Kip. (1986). The valuation of risks to life and health: Guidelines for policy analysis. In J.D. Bentkover, V.T. Covello, & J. Mumpower (Eds.), Benefit assessment: The state of the art (pp. 193-210). Hingham, MA: Kluwer Academic Publishers.
- Viscusi, W. Kip. (1989). Prospective reference theory: Toward an explanation of the paradoxes. Journal of Risk and Uncertainty, 2, 235-263.
- Viscusi, W. Kip. (1990). Sources of inconsistency in societal responses to health risks. The American Economic Review (Papers and Proceedings), 80, 1990, 257-261.
- Viscusi, W. Kip. (1993). The value of risks to life and health. Journal of Economic Literature, 31, 1912-1946.
- Viscusi, W. Kip. (1995). Discounting health effects for medical decisions. In Frank A. Sloan (Ed.), Valuing health care (pp. 125-147). New York: Cambridge University Press.
- Viscusi, W. K., Magat, W., & Huber, J. (1987). An investigation of the rationality of consumer valuations of multiple health risks. Rand Journal of Economics, 18, 465-479.
- Viscusi, W. K., Magat, W., & Huber, J. (1991). Pricing environmental health risks: survey assessments of risk-risk and risk-dollar tradeoffs for chronic bronchitis. Journal of Environmental Economics and Management, 21, 32-51.
- Viscusi, W. K., & O'Connor, C. (1984). Adaptive responses to chemical labeling: Are workers Bayesian decision makers? The American Economic Review, 74, (5), 942-956.

- Wang, Hua. (1997). Treatment of 'Don't Know' responses in contingent valuation surveys: A random valuation model. Journal of Environmental Economics and Management, 32, 219-232.
- Weinstein, M.C., Shepard, D.S., & Pliskin, J.S. (1980). The economic value of changing mortality probabilities: A decision-theoretic approach. Quarterly Journal of Economics, 94, 373-396.
- Weitzman, Martin L. (1994). On the 'environmental' discount rate. Journal of Environmental Economics and Management, 26, 200-209.
- Weitzman, Martin L. (1999). Just keep discounting, but.... In P.R. Portney and J.C. Weyant (Eds.), Discounting and intergenerational equity (pp. 23-29). Washington, D.C.: Resources for the Future.
- Whitehead, John C. (1992). Ex ante willingness to pay with supply and demand uncertainty: Implications for valuing a sea turtle protection program. Applied Economics, 24, 981-988.
- Whitehead, John C. (1993). Total economic values for coastal and marine wildlife: specification, validity, and valuation issues. Marine Resource Economics, 8, 119-132.
- Whittington, D., Cassidy, G., Amaral, D., McClelland, E., Wang, H., & Poulos, C. (1994). The economic value of improving the environmental quality of Galveston Bay. The Galveston Bay National Estuary Program.
- Willig, Robert D. (1973). Consumer's surplus: A rigorous cookbook (technical report no. 98), Institute for Mathematical Studies in the Social Sciences, Stanford University.
- Willig, Robert D. (1976). Consumer's surplus without apology. The American Economic Review, 66, (4), 587-597.
- Zeckhauser, Richard. (1973). Voting systems, honest preferences, and Pareto optimality. American Political Science Review, 67, 934-946.
- Zeckhauser, R., & Shepard, D. (1976). Where now for saving lives? Law and Contemporary Problems, 40, 5-45.
- Zerbe, Richard O., Jr., & Dively, Dwight. (1990). How municipal governments set their discount rate: Do they get it right? Unpublished manuscript, University of Washington.

