

Curriculum Vitae

John P. Burkett

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Degrees

Ph.D., University of California at Berkeley, 1981.

B.A., Cornell University, 1971.

Experience

University of Rhode Island. Professor in the Department of Economics since 1992 (with a joint appointment in the Department of Environmental and Natural Resource Economics, 2005–08, 2011–14, and 2017–20); Associate Professor, 1986–92; Assistant Professor, 1981–86. Statistical and computational consultant for the URI Writers' Workshop, 2017–18, and for the College of Arts & Sciences, 2015–17. Executive Director, Institute for the Study of International Aspects of Competition, since 1994. Official Representative to the Inter-university Consortium for Political and Social Research, 1984–85 and 1986–87.

University of California at Berkeley. Research Associate, Institute of International Studies, 1992–93. Visiting Associate Professor, Department of Economics, 1990–91. Staff economist, Lawrence Berkeley Laboratory, 1978.

Kiev State University, Faculty of Economic Cybernetics. Senior Fulbright Lecturer in econometrics, spring 1990.

Harvard University, Russian Research Center. Visiting scholar, 1988–89.

Economics Institute–Zagreb. Visiting scholar, 1987–88.

Brown University, Department of Economics. Adjunct Associate Professor, fall 1986.

Brookings Institution. Mellon Fellow in Soviet and East European Economics, 1985–86.

University of London, Birkbeck College, Department of Economics, SSRC Programme in Quantitative and Comparative Economics. Research Officer, 1980–81. Research Assistant, 1979–80.

Professional Responsibilities

Economic Change and Restructuring (formerly *Economics of Planning*), editorial board, member, since 1990.

International Research and Exchanges Board, selection committee for special projects with Eurasia, member, 1993 and 1994.

International Society for Bayesian Analysis, nominations committee for the Economics, Finance, and Business Section, 2013.

Phi Beta Kappa Society, URI chapter president, 2004–08.

Referee for *American Economic Review*, *Economica*, Cambridge University Press, *European Economic Review*, *Health Economics*, *Journal of Comparative Economics*, *Journal of Development Economics*, *Journal of Economic Behavior and Organization*, *Journal of Economic Literature*, *Quarterly Journal of Economics*, MIT Press, *Review of Economic Studies*, and *Review of Economics and Statistics*.

Grants and Contracts

University of Rhode Island. Grant from the Collaboration for Exploration in Mathematics and Sciences for innovations in course design and instruction in microeconomics, 2013. Teaching Technology award for developing online problem sets, 2003. Award for Enhancement of Research on Economic Aspects of Environmental Health Problems in Russia, 1996. Faculty Development Grant for Decision Analysis and Economic Applications, 1994. Grant-in-Aid, 1982 and 1985. Summer Faculty Fellowship, 1985.

Rhode Island Center for Nursing Excellence, with funding from the United States Economic Development Administration, contract for collecting data on the nursing workforce, 2010–11.

National Park Service, cooperative agreement for modeling of NPS visitation trends, 2008–09.

Rhode Island Department of Human Services. Contract for research on labor markets for nurses, 2002–03

International Research and Exchanges Board. Short-Term Travel Grant to Odessa, spring 1994 (declined). Senior Scholar Grant for travel to Kiev, spring 1992. Fellowship for research in Yugoslavia, 1987–88.

Woodrow Wilson Center for Scholars, Kennan Institute for Advanced Russian Studies. Short-term Scholar, September–October 1992. Research scholarship, 1988–89 (declined).

United States Information Agency, Senior Fulbright Lecturer, spring 1990.

Harvard University, Russian Research Center. Fellowship, 1989–90 (declined).

National Council for Soviet and East European Research. Research grant, 1988–89. Research grant, 1985–86 (declined).

National Academy of Sciences. Grant for research in Yugoslavia, summer 1987.

American Council of Learned Societies, Fellowship, 1985–86 (declined).

Social Science Research Council, Summer Workshop Participant, 1985 and 1986.

Memberships

American Economic Association

American Statistical Association

Econometric Society

International Society for Bayesian Analysis

Phi Beta Kappa Society

T_EX Users Group

Teaching Fields

Bayesian statistics

Econometric theory

Econometric applications in resource economics

Health economics

History of economic thought

International economics

Macroeconomics

Microeconomics

Neuroeconomics

Regression analysis

Welfare economics

Publications

Books

Microeconomics: Optimization, Experiments, and Behavior. Oxford University Press, 2006. Pp. xvi, 326.

The Effects of Economic Reform in Yugoslavia: Investment and Foreign Trade Policy, 1959–76. Berkeley: Institute of International Studies, University of California, 1983. Pp. xi, 189.

Articles in Journals and Chapters in Edited Volumes

The Labor Supply of Nurses and Nursing Assistants in the United States, *Eastern Economic Journal*, vol. 31, no. 4 (fall 2005), pp. 585–99.

Serving the Medicaid and Medicare Populations: Nursing Labor Market Dynamics. (With Matthew Bodah and Leonard Lardaro.) *Proceedings of the 55th Annual Meeting*, Industrial Relations Research Association, 2003, pp. 199–205.

Comparative Analysis of Reduced-Rank Regression: A Case Study Using Soviet Union Expenditure Data. (With R. Choudary Hanumara and Andrada I. Pacheco.) *2002 Proceedings of the Business and Economic Statistics Section*, American Statistical Association, pp. 2592–95. Reprinted in *International Journal of Business and Economics*, vol. 3, no. 1 (spring 2004), pp. 38–42.

Marx's Concept of an Economic Law of Motion. *History of Political Economy*, vol. 32, no. 2 (summer 2000), pp. 381–94.

Cones of Diversification in a Model of Comparative Advantage. *Journal of International Trade and Economic Development*, vol. 9, no. 2 (June 2000), pp. 193–211.

Income Distribution, Government Transfers, and the Problem of Unequal Influence. (With William F. Bassett and Louis Putterman.) *European Journal of Political Economy*, vol. 15 (1999), pp. 206–28.

Preindustrial and Postwar Economic Development: Is There a Link? (With Catherine Humblet and Louis Putterman.) *Economic Development and Cultural Change*, vol. 47, no. 3 (April 1999), pp. 471–95.

Bureaucratic Behavior Modeled by Reduced-Rank Regression: The Case of Expenditures from the Soviet State Budget. *Journal of Economic Behavior and Organization*, vol. 34, no. 1 (Feb. 1998), pp. 173–87.

Self-Managed Market Socialism and the Yugoslav Economy, 1950–91. *Comparative Economic Systems: Models and Cases*, seventh edition, ed. Morris Bornstein. Burr Ridge, Illinois: Irwin, 1994, pp. 322–52.

- Comparative Advantage and Resource Reallocation in Ukraine. *The Economy of Ukraine: Past, Present and Future*, ed. George Chuchman and Mykola Herasymchuk. Kiev: Naukova dumka, 1993, pp. 206–17.
- The Supply of Labour by Individuals to a Chinese Collective Farm: The Case of Dahe Commune. (With Louis Putterman.) *Economica*, vol. 60, no. 240 (Nov. 1993), pp. 381–96. Also published as chapter six in *Continuity and Change in China's Rural Development: Collective and Reform Eras in Perspective*, by Louis Putterman. New York: Oxford University Press, 1993, pp. 177–91.
- Asymmetric Min Condition and Estimation for Disequilibrium Markets: Comment. *Comparative Economic Studies*, vol. 35, no. 3 (fall 1993), pp. 49–52.
- Allocation of Investment among Soviet Republics in the 1980s. In *The Disintegration of the Soviet Economic System*, ed. Michael Ellman and Vladimir Kontorovich. London: Routledge, 1992, pp. 157–73.
- Regional'noye raspredeleniye investitsiy v SSSR v 80-e gody. *Ekonomika Ukrainy*, no. 12 (Dec. 1991), pp. 38–45. [Published in Ukrainian as: Regional'nyj rozpodil investicij v SRSR u 80-i roki. *Ekonomika Ukrainy*, no. 12 (Dec. 1991), pp. 38–45.]
- Aggregation of Slack and Shortage in Centrally Planned Economies: Comment. *Economics of Planning*, vol. 24, no. 1 (1991), pp. 59–61.
- Does Ownership Matter? A Little Empirical Evidence. *Jahrbuch der Wirtschaft Osteuropas*, vol. 14, no. 2 (1990), pp. 170–71.
- Yugoslav Economic Performance and Prospects: An Analysis Based on a Bayesian Vector Autoregression. In *Pressures for Reform in the East European Economies*. U.S. Congress, Joint Economic Committee, 1989, vol. 2, pp. 70–83.
- Capitalism, Socialism, and Productivity: An Econometric Analysis of CES and Translog Functions. (With Borislav Škegro.) *European Economic Review*, vol. 33, no. 6 (July 1989), pp. 1115–33.
- Trends in the Share of Skilled Occupations in Total Employment. *International Journal of Manpower*, vol. 10, no. 1 (1989), pp. 10–15.
- The Yugoslav Economy and Market Socialism. In *Comparative Economic Systems: Models and Cases*, sixth edition, ed. Morris Bornstein. Homewood, Illinois: Irwin, 1989, pp. 234–58.
- Latent Variable Models of Soviet Economic Policy. Report to the National Council for Soviet and East European Research, 1989, pp. 1–58.
- Are Economic Fractures Widening? (With Borislav Škegro.) In *Yugoslavia: A Fractured Federalism*, ed. Dennison Rusinow. Washington: The Wilson Center, 1988, pp. 142–55.

- Slack, Shortage, and Discouraged Consumers in Eastern Europe: Estimates Based on Smoothing by Aggregation. *Review of Economic Studies*, vol. 55, no. 3 (July 1988), pp. 493–506.
- Da li se dezintegriraju privrede socijalističkih republika i autonomnih pokrajina? Empirijska analiza razdoblja 1963–1984. (With Borislav Škegro.) *Ekonomski pregled*, vol. 38, nos. 9–10 (1987), pp. 441–54.
- Soviet Socioeconomic Development: A Fold Catastrophe? *Comparative Economic Studies*, vol. 29, no. 3 (fall 1987), pp. 70–93. [Correction: vol. 30, no. 1 (spring 1988), p. 127.]
- PQLI as a Measure of Comparative Performance: Comment. *Comparative Economic Studies*, vol. 28, no. 2 (summer 1986), pp. 59–68.
- Search, Selection, and Shortage in an Industry Composed of Labor-Managed Firms. *Journal of Comparative Economics*, vol. 10 (March 1986), pp. 26–40.
- Stabilization Measures in Yugoslavia. In *East European Economies: Slow Growth in the 1980's*. U.S. Congress, Joint Economic Committee, 1986, vol. 3, pp. 561–74.
- Systemic Influences on the Physical Quality of Life: A Bayesian Analysis of Cross-Sectional Data. *Journal of Comparative Economics*, vol. 9 (June 1985), pp. 145–63.
- Capitalistic and Market Socialistic Distribution of Lifetime Property Income: Comment. *Atlantic Economic Journal*, Dec. 1984, p. 73.
- The Impact of Economic Reform on Macroeconomic Policy in Yugoslavia: Some Econometric Evidence. *Economic Analysis and Workers' Management*, vol. 17, no. 3 (1983), pp. 213–43.
- Marginal and Conditional Probabilities of Excess Demand. *Economics Letters*, vol. 8 (1981), pp. 159–62.

Conference Papers, Technical Reports, and Working Papers

- A Bibliographic Guide to Methods for Causal Inference: Theory, Software, and Applications, <https://web.uri.edu/ssirep/files/BGMCI.pdf> (2018)
- Introduction to Reproducible Research in Social Sciences, https://www.researchgate.net/publication/327845300_Introduction_to_Reproducible_Research_in_Social_Sciences (2018)
- Portfolio Optimization: Price Predictability, Utility Functions, Computational Methods, and Applications, Paper for the R Finance Conference (2015). Slides are at <http://www.rinfinance.com/RinFinance2015/agenda/>; full paper is available from author.

National Park Service Visitation Trends: Exploring the Forces That Influence Visitation. (With Timothy Tyrrell and Randy Virden.) https://www.researchgate.net/publication/264707506_National_Park_Service_Visitation_Trends_Exploring_the_Forces_that_Influence_Visitation (2010).

International Trade and Factor Prices in a Model with Nonhomothetic Production Functions. Institute for the Study of International Aspects of Competition Working Paper 95-1, <https://web.uri.edu/isiac/wp95-1/> (1995).

Macroeconomic Adjustment and Foreign Trade of Centrally Planned Economies. (With Richard Portes and David Winter.) National Bureau of Economic Research Working Paper No. 736, <http://www.nber.org/papers/w0736>(1981).

Book Reviews

Bernt P. Stigum, *Econometrics in a Formal Science of Economics: Theory and Measurement of Economic Relations*. Submitted to *Choice* (July 2017).

David Cutler, *The Quality Cure: How Focusing on Health Care Quality Can Save Your Life and Lower Spending Too*. *Choice*, <http://choicereviews.org/review/10.5860/CHOICE.185916> (August 2016).

Joshua D. Angrist and Jörn-Steffen Pischke, *Mastering 'Metrics: The Path from Cause to Effect*. *Choice*, vol. 53, no. 1 (September 2015), p. 119.

David F. Hendry and Jurgen A. Doornik, *Empirical Model Discovery and Theory Evaluation: Automatic Selection Methods in Econometrics*. *Choice*, vol. 52, no. 7 (March 2015), pp. 1198–99.

Peter E. Rossi, *Bayesian Non- and Semi-parametric Methods and Applications*. *Choice*, vol. 52, no. 3 (November 2014), p. 500.

Elizabeth H. Bradley and Lauren A. Taylor, *The American Health Care Paradox: Why Spending More Is Getting Us Less*. *Choice*, vol. 51, no. 9 (May 2014), p. 1646.

Douglas E. Hough, *Irrationality in Health Care: What Behavioral Economics Reveals about What We Do and Why*. *Choice*, vol. 51, no. 2 (October 2013), p. 317.

Anders Åslund, *Russian Economic Reform at Risk*. *Journal of Economic Literature*, vol. 35, no. 1 (March 1997), pp. 180–81.

Malcolm R. Hill and Richard McKay, *Soviet Product Quality*. *Slavic Review*, winter 1989, pp. 672–73.

S. G. Wheatcroft and R. W. Davies, eds. *Materials for a Balance of the Soviet National Economy 1928–1930*. *Journal of Economic Literature*, vol. 27, no. 2 (June 1989), pp. 624–25.

- Gregory C. Hildebrandt, ed., *Rand Conference on Models of the Soviet Economy, October 11–12, 1984*. *Journal of Comparative Economics*, 1987, pp. 261–64.
- Branko Horvat, *Politička ekonomija socializma*. *Slavic Review*, summer 1987, pp. 332–33.
- Silvana Malle, *The Economic Organization of War Communism, 1918–1921*. *Journal of Economic Literature*, vol. 25, no. 4 (Dec. 1987), pp. 1861–63.
- János Kornai, *Contradictions and Dilemmas*. *Journal of Economic Literature*, vol. 25, no. 3 (Sept. 1987), pp. 1324–26.
- Ota Sik, *For a Humane Economic Democracy*. *Journal of Economic Literature*, vol. 24, no. 3 (Sept. 1986), pp. 1233–34.
- Michael Ellman, *Collectivization, Convergence, and Capitalism: Political Economy in a Divided World*. *Journal of Economic Literature*, vol. 24, no. 1 (March 1986), pp. 94–95.
- János Kornai, *Economics of Shortage and Growth, Shortage and Efficiency*, and János Kornai and Bela Martos, eds., *Non-price Control. Contributions to Political Economy*, vol. 3 (March 1984), pp. 85–91.

Work in Progress

- Economic integration, factor prices, and nonhomothetic production functions: evidence from Europe.
- Portfolio optimization: price predictability, utility functions, computational methods, and applications.
- Statistical modeling of time series and panel data for park visitation.

Skills

- Foreign languages: French, Latin, Russian, Serbo-Croatian.
- Markup and typesetting languages: HTML, L^AT_EX, T_ikZ.
- Mathematical software: GAMS, Mathematica, SageMath.
- Programming languages: Fortran, Gauss, Matlab, R.
- Statistical and econometric software: BayES, BUGS, LISREL, Minitab, RATS, SAS, SEARCH, SHAZAM, TSP.
- Version control software: Git