

Curriculum Vitae

Richard A. L. Carter

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Personal

Office Addresses:

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Born: 21 June 1937
Edmonton, Alberta
Citizenship: Canadian

University Studies

Undergraduate

B.A. (Economics), 1959, Royal Military College of Canada, Kingston, Ontario

Graduate

M.A. (Economics), 1966, Queen's University, Kingston, Ontario

PhD (Economics), 1970, Queen's University, Kingston, Ontario

PhD Thesis: The Application of Monte Carlo Experiments to Distribution Free Methods of Estimation.

Fields of Interest for Research and Teaching:

Primary Field:

Econometrics and Statistics, especially Bayesian methods applied to time series.

Other Research Fields:

Health Care Economics, Economics and Law.

Other Teaching Fields:

Introductory Economics, Undergraduate Microeconomics

Professional Experience:

- 1965 - 1966: Instructor; Queen's University, Kingston, Ontario.
- 1966 - 1970: Instructor; University of Victoria, Victoria, British Columbia.
- 1970 - 1971: Assistant Professor; University of Victoria, Victoria, British Columbia.
- 1971 - 1972: Visiting Assistant Professor; University of Western Ontario, London, Ontario.
- 1972 - 1978: Assistant Professor; University of Western Ontario, London, Ontario.
- 1978 - 1979: Visiting Professor; Universität Mannheim, Mannheim, Germany.
- 1979 - 1981: Associate Professor; University of Western Ontario, London, Ontario.
- 1981 - 1982: Visiting Scholar; University of Cambridge, Cambridge, England.
- 1982 - 1988: Associate Professor; University of Western Ontario, London, Ontario.
- 1988 - 1989: Visiting Scholar; Universities of: Iowa (Sep.- Dec.); Alberta (Dec.- Jan.); Victoria (Jan.- July).
- 1989 - 1995: Associate Professor; University of Western Ontario, London, Ontario.
- 1995 - 1996: Visiting Scholar; University of Chicago, Chicago, Illinois.
- 1996 - 1997: Associate Professor; University of Western Ontario, London, Ontario.
- 1997 - 2011: Professor Emeritus; University of Western Ontario, London, Ontario.
- 1997 - 2011: Adjunct Professor; University of Calgary, Calgary, Alberta.

Teaching:

Undergraduate Teaching at University of Western Ontario:

Principles of Economics

Economics 020: Spring 1973, Intersession 1974, Extension 1980-81, Spring 1984, Fall 1984, Both terms 1992-93.

Introduction to Econometrics, General Level

Economics 135, 122 or 123: Fall 1973, Both terms 1974-78, Both terms 1983-84, Fall 1989, Spring 1991, Spring 1997, Spring 2003, Spring 2004.

Introduction to Econometrics, Honors Level

Economics 255, 222 or 223: Both terms 1979-80, Fall 1980, Both terms 1982-83, 1985-86, Spring 1984, 1985, Both terms 1986-87, Fall 1989, Spring 1990, Fall 1990, 1992, 1993, Spring 1997, Spring 2005, Spring 2006.

Senior Honors Seminar in Economic Policy

Economics 400: 1989-90, 1991-92.

Applied Econometrics, Honors Level

Economics 388 or 389: Fall 1993, Both terms 1994-95, Fall 1996.

Graduate Teaching at University of Western Ontario:

Econometric Theory

Economics 565A: Fall 1972-76, 1980, 1983.

Applied Econometrics

Economics 565B: Spring 1973-76.

Econometrics Workshop

Econometrics 655: Both terms 1973-75, 1980-81, 1992-93.

Advanced Econometrics

Economics 557B: Spring 1981.

Bayesian Econometrics

Economics 557B, Economics 656 or Economics 615: Spring 1981, 1983, Fall 1985, Spring 1988, Fall 1989, 1993, Spring 1995, Fall 1996, Spring 2006

Introductory Graduate Econometrics I

Economics 555A or 505A: Fall 1977, 1979, 1983-85, 1987-88, 1990-91.

Introductory Graduate Econometrics II

Economics 555B or 506B: Spring 1977-78, 1980-81, 1985, 1988, 1991, 1994.

Ph.D. Thesis Supervision:

I have been a committee member for 18 theses completed between 1972 and 1996. I supervised one theses in 1978 which won the T.M. Brown prize the best Ph.D. thesis in economics for that year. I supervised two other theses which were completed in 1985 and 1992.

Teaching Evaluations:

Between 1972 and 1997 students at Western evaluated their instructors on a scale of 1 to 5, with 5 the most favorable. My average rating for the 50 times I was evaluated over that period is 4.16. In 1995 I received an "Undergraduate Award for Teaching Excellence". My average rating for Economics 123 (Spring 2003, 2004) and Economics 223 (Spring 2005, 2006) under the newer scale of 1 to 7, was 5.08.

Research:

Papers in Published in Refereed Journals:

"Least Squares as an Exploratory Estimator," *Canadian Journal of Economics*, Vol.6, Feb. 1973, pp. 108-114.

"Minimum Second Moment Estimation in Simultaneous Equation Systems," with A. L. Nagar, *International Economic Review*, Vol. 15, Feb. 1974, pp. 31-38.

"The Exact Distribution of an Instrumental Variables Estimator," *International Economic Review*, Vol. 17, Feb 1976, pp. 228-233.

"Coefficients of Correlation for Simultaneous Equation Systems," with A. L. Nagar, *Journal of Econometrics*, Vol. 6, July 1977, pp. 39-50.

"The Finite Sample Properties of OLS and IV in Special Rational Distributed Lag Models," with A. Ullah, *Sankhya*, Series D, Vol. 41. 1979, pp. 1-18.

"Improved Stein-Rule Estimator for Regression Problems," *Journal of Econometrics*, Vol. 17, 1981, pp. 113-123 and "Erratum" pp. 393-394.

"Sampling Distribution of Shrinkage Estimators and Their F-Ratios in the Regression Model," with A. Ullah and V. K. Srivastava, *Journal of Econometrics*, Vol. 25, 1984, pp. 109-122..

"Double k-Class Shrinkage Estimators in Multiple Regression," *Journal of Quantitative Economics*, Vol. 1, 1985, pp. 27-47.

"Unbiased Estimation of the MSE Matrix of Stein-Rule Estimators, Confidence Ellipsoids and Hypothesis Tests," with M. S. Srivastava, V. K. Srivastava and A. Ullah, *Econometric Theory*, Vol. 6, 1990, pp. 63-74.

"Real Rates, Expected Rates, and Damage Awards," with J. P. Palmer, *Journal of Legal Studies*, Vol. 20, June 1991, pp. 439-462.

“Selecting a Double-k Class Estimator for Regression Coefficients,” with A. Chaturvedi and V. K. Srivastava, *Statistics and Probability Letters*, Vol. 18, December 1993.

“Simple Calculations to Reduce Litigation Costs in Personal Injury Cases,” with J. P. Palmer, *Osgoode Hall Law Journal*, Vol. 32, Summer 1994, pp. 197-223.

“Some Small Sample Properties of Instrumental-Variables Estimators of Block Triangular Models” , *Journal of Statistical Planning and Inference*, Vol. 50, 1996, pp. 207-221.

“Is Health Care Really a Luxury?” with A. G. Blomqvist, *Journal of Health Economics*, Vol. 27, 1997.

“The Offset Rule: Some Multinational Evidence”, with J. P. Palmer, *European Journal of Law and Economics*, Vol.9, 2000, pp.33-47.

“The ARAR Error Model for Univariate Time Series and Distributed Lag Models”, with A. Zellner, *Studies in Nonlinear Dynamics & Econometrics*, Vol. 8 No. 1 March 2004, <http://www.bepress.com/snede/vol8/iss1/art2>.

Papers in Published in Refereed Volumes:

“Nonparametric Inference in Econometrics: New Applications,” with R. S. Singh and A. Ullah, *Time Series and Econometric Modelling*, I. B. MacNeill and G. J. Umphrey, editors, 1987, D. Reidel Publishing Company, Dordrecht, Holland.

“Nonparametric Monte Carlo Estimates of t-Ratio Distributions in Dynamic Simultaneous Linear Equations Models,” *Contributions to Econometric Theory and Application Essays in Honor of A. L. Nagar*, R. A. L. Carter, J. Dutta and A. Ullah, editors, 1990, Springer-Verlag, New York., pp. 160-195.

“Bayesian Analysis of the Federal Funds Rate as the Determinant of Interest Rates on Small and Large Loans,” with L. Laudadio, *Bayesian Statistics and Econometrics: Essays in Honor of Arnold Zellner*, D. Berry, K. Chaloner and J. Geweke, editors, 1996, John Wiley & Sons, pp. 443-455.

Editing:

Associate Editor, with A. I. Mcleod and A. Ullah, *Time Series and Econometric Modelling*, 1987, D. Reidel Publishing Company, Dordrecht, Holland.

Editor, with J. Dutta and A. Ullah, *Contributions to Econometric Theory and Application Essays in Honor of A.L. Nagar*, 1990, Springer-Verlag, New York.

Work in Progress:

“Is Your Proper Prior Too Precise or is Your Sample Just Too Small?”

“The ARAR Error Model for Multiple Equation Dynamic Models”

Conference Presentations:

Canadian Economics Association: 1971, Winnipeg, Manitoba; 1975, Edmonton, Alberta; 1977, Fredericton, N. B.; 1983, Vancouver, B.C.; 1990, Victoria, B.C.

Canadian Law and Economics Association: 1989, Toronto, Ont.

Canadian Econometric Study Group: 1984, Kingston, Ontario; 1986, Montreal, Quebec; 1988, Banff, Alberta; 1992, Ottawa, Ontario.

Keynesian Centenary Conference: 1983, Cambridge, England.

Fifth Conference on Panel Data: 1994, Paris, France.

Valencia Conference on Bayesian Statistics: 1991, Peniscola, Spain; 1994, Alicante, Spain; 1998, Las Fuentes, Spain.

International Society for Bayesian Analysis, North American Meeting: 1996, Chicago, Illinois.

Econometric Society, European Meetings: 1972, Budapest, Hungary; 1977, Vienna, Austria; 1984, Madrid, Spain.

Econometric Society, World Congress: 1975, Toronto, Canada; 1980, Aix-en-Provence, France; 1995, Tokyo, Japan.

Refereeing:

I have acted as a referee for the following journals and granting agencies: Canadian Journal of Economics, Communications in Statistics, Econometrica, Econometric Theory, Economics Bulletin, Econometric Reviews, Empirical Economics, Health Economics, International Journal of Forecasting, Institute of Statistical Mathematics, Journal of the American Statistical Association, Journal of Econometrics, Journal of Economic Education, Journal of Economics and Business, Journal of Health Economics, Journal of Statistical Research, Quantitative Economics, South African Statistical Journal, Canada Council, Social Sciences and Humanities Research Council of Canada, Natural Sciences and Engineering Research Council of Canada.

Administration:

Departmental:

Chairman, Computer Users Committee: 1972-78, 1979-81.

Graduate Placement Officer: 1990:

Promotion and Tenure Committee: 1973-74, 1987-88, 1993-95.

Committee on Academic Policy: 1979-88, 1994-95.

Director of the General Program: 1994-95.

Director of the Honors Program: 1982-88, Fall 1990.

Faculty:

Social Science Computing Lab Advisory Committee: 1972-78.

Social Science Computing Lab Review Committee: 1979-80.

Dean's Advisory Committee on Computing: 1982-83, 1989-95, 1996-97.

Appointments, Promotion and Tenure Committee for the Department of Secretarial and Administrative Studies, External Member: 1974-77.

Chairman's Selection Committee, Department of Economics: 1974-75, 1991-92.

Dean's Committee on Teaching Evaluation: 1976-77.

Faculty Executive Committee: 1979-80, 1985-88, 1990-93.

University:

Computer Users Committee: 1979-81.

Computer Council: 1982-83.

Senate Review Board Academic: 1993-94.