

June 2015

Curriculum Vita
ROBERT F. McNOWN

CONTACT INFORMATION:

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EDUCATION:

University of California, Los Angeles	1962-1966 BA (Economics) 1966
George August University, Goettingen	1964-1965
University of California, San Diego	1966-1971 PhD (Economics) 1971

Dissertation: A Monte Carlo Study of the Small Sample Properties of Several Distributed Lag Estimators

Major Fields of Specialization: Econometrics, Time Series Analysis, Demography, International Economics, Macroeconomics.

PROFESSIONAL EXPERIENCE - Academic:

1. Professor, Department of Economics, University of Colorado, Boulder, September 1989 to present.
2. Director, International Affairs Program, University of Colorado, Boulder, July 2007 to 2013.
3. Fulbright Lecturer, Masters in Development Economics Program, National Economics University, Hanoi, Vietnam, Fall 2006.
4. Visiting Professor, Department of Econometrics and Business Statistics, University of Sydney, July-November (Spring) 2003.
5. Faculty Member, Semester at Sea, Institute for Shipboard Education, University of Pittsburgh, Spring 1995, Spring 1998, and Fall 2013
6. Visiting Lecturer, Peoples University, Beijing, China, February-June 1989.
7. Associate Professor, Department of Economics, University of Colorado, Boulder, September 1978 to June 1989.
8. Fulbright Lecturer, Tribhuvan University, Kathmandu, Nepal, September 1979 - June 1981.
9. Assistant Professor, Department of Economics, University of Colorado, Boulder, September 1971 - June 1978.

HONORS AND AWARDS:

Fulbright Lectureships, Nepal 1979-1981
Financial Management Association, prize for outstanding paper in Financial Management, 1985.
Stanford Calderwood Award for Teaching, Department of Economics, University of Colorado, 1989 & 2013.
Fulbright Lectureship, Vietnam, Fall 2006
Fulbright Specialist Award, Malaysia, Spring 2014
Campus Global Citizen of the Year Award (CU Boulder) November 2014

PUBLICATIONS - Books:

1. *Economics In Our Time: Concepts and Issues*, 2nd ed., Science Research Associates, Palo Alto, California, 1983 (240 pages) with Dwight R. Lee.
2. *Economics In Our Time: Macro Issues*, SRA, Palo Alto, California, 1976 (199 pages) with Dwight R. Lee.

PUBLICATIONS - Articles and Book Chapters:

1. "Does employees' compensation vary with corporate profit?" *Journal of Policy Modeling*, Vol. 37, Issue 2 (March–April 2015) 281-290 (with Knut Lehre Seip).
2. "Forecasting annual water demands dominated by seasonal variations: the case of water demands in Mecca," *Applied Economics* 47:6 (February 2015) 544-552, (with Omar S. Aburizaizah, Charles Howe & Nathan Adkins).
3. "Examining the exchange rate regime-monetary policy autonomy nexus: evidence from Malaysia," *International Review of Economics and Finance*. Vol. 35 (January 2015) 292-303 (with Soo Khoon Goh).
4. "The determinants of income inequality in Thailand: A synthetic cohort analysis," *Journal of Asian Economics* Vol. 31–32 (April–June 2014) 10–21, (with Sasiwimon Warunsiri Paweenawata).
5. "Monetary policy and stability during six periods in US economic history: 1959–2008: a novel, nonlinear monetary policy rule," *Journal of Policy Modeling*, 35 (2013) 307-325 (with Knut L. Seip).
6. "Stagnating Life Expectancies and Future Prospects in an Age of Uncertainty," *Social Science Quarterly* 94 (June 2013), 445-461 (with Justin T. Denney, Richard G. Rogers, and Steven Doubilet).
7. "Periods and structural breaks in US economic history 1959-2007," *Journal of Policy Modeling* 33 (2011) 169–182 (with Knut Lehre Seip).
8. "The Returns to Education in Thailand: A Pseudo-Panel Approach" *World Development* Vol. 38, No. 11 (2010): 1616–1625 (with Sasiwimon Warunsiri)
9. "Measuring Chinese Business Cycles with Dynamic Factor Models," *Journal of Asian Economics* volume 20 (2009): 89-97 (with Jin-ming Wang and Tie-mei Gaob)
10. "The timing and accuracy of leading and lagging business cycle indicators: a new approach," *International Journal of Forecasting*, Volume 23, Issue 2, (April-June 2007): 277-287 (with Knut Lehre Seip)
11. "Misleading Inferences from Panel Unit Root Tests: a Reply" *Review of International Economics*, volume 14, number 3 (2006): 512-516. (with Janice Boucher Breuer and Myles Wallace)

12. "The effect of tax-benefit policies on fertility and female labor force participation in the United States," *Journal of Policy Modeling*, Volume 27, Issue 9, (December 2005): 1083-1096 (with Cristóbal Ridao-Cano)
13. "A Time Series Model of Fertility and Female Labour Supply In The UK," *Applied Economics*, Volume 37, Number 5 (March 2005): 521 - 532 (with Cristobal Ridao-Cano).
14. "The Effect of Child Benefit Policies on Fertility and Female Labor Force Participation in Canada," *Review of Economics of the Household*, Vol. 2, number 3 (September 2004) pp. 237-254 (with Cristóbal Ridao-Cano).
15. "A Co-integration Model of Age-Specific Fertility and Female Labor Supply in the United States," *Southern Economic Journal* Vol 70, issue 2 (November 2003) pp. 344-358.
16. "Time Series Analysis of Fertility and Female Labor Market Behavior," *Journal of Population Economics*, Vol 16, No.3 (August 2003), pp. 501-523 (with Sameer Rajbhandary).
17. "A Cointegration Model of US Fertility," *Mathematical Population Studies*, Vol 10, No. 2 (April-June 2003), pp. 99-126.
18. "New Unit Root Tests of the Nelson-Plosser Data," *Applied Economics Letters*, Vol 9, No. 1 (January 15, 2002) pp. 9-11 (with Thitima Puttitanun).
19. "An Answer to Puzzles in the Forward Market for Exchange Rates," *Applied Financial Economics*, vol 12, no 10, Oct 2002, pp 687-97 (with Scott Barnhart and Myles Wallace).
20. "Series-specific Unit Root Tests with Panel Data," *Oxford Bulletin of Economics and Statistics*, vol. 64, no. 5, (December 2002), pp. 527-546 (with Janice Breuer and Myles Wallace).
21. "Misleading Inferences from Panel Unit-Root Tests with an Illustration from Purchasing Power Parity," *Review of International Economics*, Vol 9, No. 3 (August 2001) pp. 482-493, (with Janice Boucher Breuer and Myles S. Wallace).
22. "Noninformative Tests of Exchange Market Efficiency", *Journal of Financial and Quantitative Analysis*, Vol. 34, No. 2 (June 1999) pp. 265-91 (with Scott Barnhart and Myles Wallace).
23. "Noninformative and Informative Tests of Efficiency in Three Energy Futures Markets" (with Emilio Peroni), *Journal of Futures Markets*, vol. 18, no. 8, December 1998, 936-964.
24. "Autoregressive Transformations in Cointegrated Regressions," *Review of Economics and Statistics*, Vol. 79, No. 3 (August 1997) pp. 503-507 (with Myles Wallace).
25. "Simplicity and Complexity in Extrapolative Population Forecasting Models," *Mathematical Population Studies*, Vol. 5, No. 3, (1995) 235-257 (with Andrei Rogers and Jani Little).
26. "Do Revenues or Expenditures Respond to Budgetary Disequilibria," *Southern Economic Journal*, Vol. 61, No. 2 (October 1994) 311-322 (with Hamid Baghestani).
27. "Cointegration Tests of the Monetary Exchange Rate Model for Three High-Inflation Economies," *Journal of Money, Credit and Banking*, Vol. 26, No. 3, part 1 (August 1994) 396-411 (with Myles Wallace).
28. "Changing Causes of Death and the Sex Differential in the USA: Recent Trends and Projections," *Population Research and Policy Review*, Vol. 12 (1993) 27-41 (with Christin Knudsen).

29. "Forecasting Fertility: An Application of Time Series Methods to Parameterized Model Schedules," *Social Science Research* 22 (1993) 1-23 (with Christin Knudsen and Andrei Rogers).
30. "Forecasting Cause-Specific Mortality Using Time Series Methods," *International Journal of Forecasting* 8 (1992) 413-423 (with Andrei Rogers).
31. "Multiple Time Series Analysis of Simultaneous Equations Model Specification," *Empirical Economics*, 17 (1992) 383-399 (with Alok Bohara).
32. "Modeling and Forecasting U.S. Mortality: Comment," *Journal of the American Statistical Association*, 87 (September 1992) 671-672.
33. "Forecasting the Federal Budget with Time Series Models," *Journal of Forecasting* 11 (1992) 127-139 (with Hamid Baghestani).
34. "Cointegration Tests of a Long-Run Relation Between Money Demand and the Effective Exchange Rate," *Journal of International Money and Finance* 11 (1992) 107-114.
35. "Purchasing Power Parity and the Canadian Float in the 1950s," *Review of Economics and Statistics* 73, no. 3 (August 1991) 558-563 (with Taufiq Choudhry and Myles Wallace).
36. "National Price Levels as Cointegrated Systems: A Test of Purchasing Power Parity Among Four Industrial Nations," in *International Economic Integration*, B.W. Poulson, C.M. Becker, and A. Rappaport (eds.), University of Northern Iowa, 1991, pp. 217-237, with Myles Wallace.
37. "Input Substitution in Manufacturing for Three LDCs: Translog Estimates and Policy Implications," *Applied Economics*, 1991, Vol. 23, pp. 209-218 with Abbas Pourgerami and Christian R. von Hirschhausen.
38. "Cointegration Tests of Purchasing Power Parity Among Four Industrialized Countries: Results for Fixed and Flexible Rates," *Applied Economics*, 1990, Vol. 22, pp. 1729-1737, with Myles Wallace.
39. "National Price Levels, Purchasing Power Parity, and Cointegration: A Test of Four High Inflation Economies," *Journal of International Money and Finance*, Vol. 8, No. 4 (December 1989) pp. 533-546, with Myles Wallace.
40. "Cointegration Tests for Long Run Equilibrium in the Monetary Exchange Rate Model," *Economics Letters*, Vol. 31, No. 3 (December 1989) pp. 263-267, with Myles Wallace.
41. "Forecasting Mortality: A Parameterized Time Series Approach," *Demography* Vol. 26, No. 4 (November 1989) pp. 645-660, with Andrei Rogers.
42. "Monetary and Inflationary Linkages between India and Nepal: A Vector Autoregression Analysis," *Indian Journal of Economics*, Vol. 37, No. 1, (July-Sept. 1989) pp. 40-55, with Alok Bohara.
43. "The Predictive Performance of Three Autoregressive Moving-Average Models: A Monte Carlo Investigation," *Journal of Time Series Analysis*, Vol. 10, No. 4 (1989) pp. 301-314, with John Batts.
44. "Time Series Forecasts of a Parameterized Mortality Schedule," in *Advances in Regional Demography: Forecasts, Information, Models*, P. Congdon and P. Batey (eds.), London: Belhaven Press, 1989, pp. 107-123, with Andrei Rogers.

45. "Losing Ground - or Losing Credibility? An Examination of a Recent Policy Debate in the United States," *Environment and Planning A*, Vol. 19 (1987) pp. 1015-1025, with S.E. Clarke and A.M. Kirby.
46. "A Re-evaluation of the Combination and Adjustment of Forecasts," *Applied Economics*, Vol. 19 (1987) pp. 437-445, with A. Bohara and J. Batts.
47. "New Evidence on Targets for Monetary Policy," *Southern Economic Journal*, Vol. 53, No. 3 (January, 1987), pp. 591-604, with A. Bohara and M. Bradley.
48. "On the Uses of Econometric Models: A Guide for Policy Makers," *Policy Sciences*, Vol. 19, No. 4 (December, 1986), pp. 359-380.
49. "Evaluating the 55 MPH Speed Limit and Willingness to Pay for Reduction in Death and Injury: A Reply," *Southern Economic Journal*, Vol. 52, No. 2 (October, 1985) pp. 550-553, with L.D. Singell.
50. "An Econometrics Laboratory," *Journal of Economic Education*, Vol. 15, No. 1 (Winter, 1984) pp. 71-76, with Gary L. Hunt.
51. "A Cost-Benefit Analysis of the 55-MPH Speed Limit," *Southern Economic Journal*, Vol. 50, No. 3 (January 1984), pp. 631-41, with T. Forrester and L. D. Singell.
52. "Enlistments in the All-Volunteer Force: A Military Personnel Supply Model and Its Forecasts," *American Economic Review*, Vol. 73, No. 1 (March, 1983) pp. 145-155, with Colin Ash and Bernard Udis.
53. "The Relative Impact of Monetary and Foreign Price Influences on Inflation in Nepal," *Economic Journal of Nepal*, Vol. 4, No. 4 (Oct.-Nov. 1981), pp. 1-14 with Myles Wallace.
54. "Economic Analysis of the All-Volunteer Armed Force," *Armed Forces and Society*, Vol. 7, No. 1 (Fall 1980), pp. 113-132, with Bernard Udis and Colin Ash.
55. "A Test of the Monetary Approach to the Balance of Payments for Nepal, 1958-1978," *Economic Journal of Nepal*, Vol. 3, No. 4 (October-December 1980), pp. 1-14.
56. "A Test for Autocorrelation in Models with Lagged Dependent Variables," *The Review of Economics and Statistics*, Vol. LXII, No. 2 (May 1980), pp. 313-317, with Kenneth R. Hunter.
57. "International Constraints on Macroeconomic Policies in Nepal, 1957-1978," *Economic Journal of Nepal*, Vol. 3, No. 1 (January-March 1980), pp. 37-48.
58. "A Mechanism to Reveal Consumer Preferences for Public Goods," *Review of Social Economy*, Vol. 36 (October 1978), pp. 159-173.
59. "The Problem of Youth Unemployment," co-authored with Larry D. Singell, in *High Employment: Problems and Solutions*, edited by Paul L. Burgess and Jerry L. Kingston (Phoenix, Arizona: Governor=s Conference on Full Employment, Arizona State University, 1978), pp. 157-190.
60. "International Reserve Flows of OPEC States: A Monetary Approach," *Journal of Energy and Development*, Vol. II, No. 2 (Spring 1977), pp. 267-278, with Myles Wallace.
61. "Labor Market Duality and the Teenage Unemployment Problem," *Journal of Behavioral Economics*, (December 1976), pp. 51-64, with Larry D. Singell.

62. "The Impact of Currency Depreciation and International Markets on U.S. Inflation," Quarterly Review of Economics and Business. Vol. 15 (1975), pp. 7-14.
63. "A Factor Analysis of the Socio-Economic Structure of Riot and Crime Prone Cities," Annals of Regional Science, Vol. 8 (1974), pp. 1-13, with L.D. Singell.

PUBLICATIONS - Technical Papers:

- 1."Potential Effects on the U.S. Economy and Society Resulting from a Dependence on Foreign Petroleum Sources and Possible Solar Energy Response," SERI Technical Report #51-1700, February 1979, with Peter de Leon.
- 2."The Potential Displacement of Petroleum Imports by Solar Energy Technologies," SERI Technical Report #352-504, May 1980, with Peter de Leon, Byron L. Jackson and Gary Mahrenholz.
- 3."Econometrics Laboratory Manual," Fall 1982, with Gary Hunt. Revised, 1992.
- 4."RATS Laboratory Manual," Spring 1987, with Douglas Ruby and Gary Hunt.

PUBLICATIONS - Book Reviews:

1. *Agricultural Finance in Nepal: An Analytical Study*, by Dr. K.K. Jha (New Delhi: Heritage Publishers, 1978). Reviewed in *Economic Journal of Nepal*, Vol. 3, No. 2 (April-June 1980), pp. 73-77.
2. *Nepal's Economy - An Overview*, by Dr. Mahesh Banskota and N.K. Bista, Editors (Kathmandu: Center for Economic Development and Administration, Tribhuvan University, 1980). Reviewed in *Economic Journal of Nepal*, Vol. 3, No. 3 (July-September 1980), pp. 118-121.
3. *Nepal in Crisis: Growth and Stagnation of the Periphery*, by P. Blaike, J. Cameron, and D. Seddon (New Delhi: Oxford University Press, 1980). Reviewed in *Economic Journal of Nepal*, Vol.4, No. 1., (January-March 1981) pp. 72-74.
4. *Instead of Regulation: Alternatives to Federal Regulatory Agencies*, by Robert W. Poole (ed.). Lexington, MA: Lexington Books, 1982 and *Alternatives to Regulation*, by Michael S. Baram, Lexington, MA: Lexington Books, 1982. Both reviewed in *Public Choice*, Vol. 43 (1984) pp. 221-223.

CONSULTANTSHIPS:

- Anti-trust Division of the U.S. Department of Justice. Expert witness to evaluate and testify on an econometric analysis of the demand for ready-mix concrete. March-May 1974.
- Solar Energy Research Institute, Golden, Colorado, 1978.
- U.S. Information Agency. Contributor to workshop on quantitative economics, Lonavala, India, June 1983.
- National Bank for Cooperatives. Consultant on model to predict country economic risk, 1990.
- Colorado Governor's Office of State Planning and Budgeting, Construction of new econometric models to forecast Colorado economy and general fund revenues, 2009-2010.
- Regional Transportation District. Development of econometric model for forecasting RTD sales and use tax revenues, 2011-present

GRANTS ACTIVITY:

National Science Foundation Grant for Local Course Improvement (LOCI), Project Co-Director (with J. Malcolm Dowling), 1981-1982.

National Science Foundation Grant for \$65,000 in support of research on "Female Work, Public Policy, and Fertility in Developed Nations" 2001-2002 (co-principal investigator with Fred Pampel)