

ALICE O. NAKAMURA

Department of Finance and Statistical Analysis, University of Alberta School of Business
3-23 Business Building, University of Alberta, Edmonton, Alberta T6G 2R6, Canada
alice.nakamura@ualberta.ca; (phone for department assistant: (780) 492-5429)

Education

Ph.D. in Political Economy with a Sociology minor, Johns Hopkins University, 1973
B.S. in Economics (Political Science minor), University of Wisconsin-Madison, 1968

Primary Positions

Full Professor of Business, University of Alberta (June 1982-present)
Associate Professor of Business, University of Alberta (1976-1982)
Assistant Professor of Business, University of Alberta (1972-1976)

Major Honours and Fellowships

Honorary Doctor of Law, awarded by the University of Western Ontario, 1996
Francis Winspear Professor of Business, University of Alberta, 1994
J. Gordin Kaplan Award for Excellence in Research, 1992
McCalla Research Professorship, University of Alberta, 1984-1985

Research Interests

Productivity and price measurement; employment, employment earnings and compensation policies; social safety net policy and taxation; econometric methodology; microanalytic simulation.

Publications: Refereed Articles and Refereed Book Chapters

1. Guy H. Orcutt and Alice Orcutt (1968), "Incentive and Disincentive Experimentation for Income Maintenance and Policy," *American Economic Review*, Vol. 58, Sept., 754-772.
2. Alice O. Nakamura, Masao Nakamura and Guy H. Orcutt (1976), "Testing for Relationships between Time Series," Theory and Methods Section, *Journal of the American Statistical Association*, Vol. 71, March Issue, 214-222.
3. Alice O. Nakamura and Masao Nakamura (1977), "A Markov Analysis for Per Capita State and Local Police Expenditures and the Allocation Problem of Federal Aid," *Operational Research Quarterly*, Vol. 28, No. 2, 293-304.
4. Alice O. Nakamura and Masao Nakamura (1978), "On the Impact of the Tests for Serial Correlation Upon the Test of Significance for the Regression Coefficient," *Journal of Econometrics*, Vol. 7, 199-210.
5. Alice O. Nakamura and Masao Nakamura (1978), "On Microanalytic Simulation and Its Application in Population Projection," *Journal of the Operational Research Society* (formerly *Operational Research Quarterly*), Vol. 29, No. 4, 349-360.
6. Alice O. Nakamura, Masao Nakamura and Dallas Cullen (1979), "Job Opportunities, the Offered Wage and the Labor Supply of Married Women," *American Economic Review*, Vol. 69, 787-805.
7. Alice O. Nakamura, Masao Nakamura and Guy H. Orcutt (1980), "A Selective Overview of Research on Family Income Determination," in Vincent F. Covello (ed.), *Poverty and*

- Public Policy: An Evaluation of Social Science Research*, published for the National Research Council by Schenkman Publishing Co., 53-77.
8. Masao Nakamura and Alice O. Nakamura (1981), "A Comparison of the Labor Force Behavior of Married Women in the United States and Canada, with Special Attention to the Impact of Income Taxes," *Econometrica*, Vol. 49, 451-489.
 9. Alice O. Nakamura and Masao Nakamura (1981), "Valuation, Debt Financing and the Cost of Capital: Japanese Firms, 1962-1976," *Economic Studies Quarterly*, Vol. 32, No. 2, July, 97-110.
 10. Alice O. Nakamura and Masao Nakamura (1981), "On the Relationships Among Several Specification Error Tests Presented by Durbin, Wu and Hausman," *Econometrica*, Vol. 49, November, 1583-1588.
 11. Alice O. Nakamura and Masao Nakamura (1982), "On the Firm's Production, Capital Structure and Demand for Debt" (with Masao Nakamura), *Review of Economics and Statistics*, Vol. LXIV, August, 384-393.
 12. Alice O. Nakamura and Masao Nakamura (1983), "Part-time and Full-time Work Behavior of Married Women: A Model with a Doubly Truncated Dependent Variable," *Canadian Journal of Economics*, Vol. XVI, No. 2, May 1983, 229-257.
 13. Alice O. Nakamura and Masao Nakamura (1985), "A Survey of Research on the Work Behavior of Canadian Women," in Craig Riddell (Ed.), Royal Commission on the Economic Union and Development Prospects for Canada, Vol. 3, *Work and Pay: The Canadian Labour Market*, University of Toronto Press, 171-218.
 14. Alice O. Nakamura and Masao Nakamura (1985), "Dynamic Models of the Labor Force Behavior of Married Women Which Can Be Estimated Using Limited Amounts of Information," *Journal of Econometrics*, Vol. 27, 1985, pp. 273-298.
 15. Marcel G. Dagenais, Alice O. Nakamura and Masao Nakamura (1985), "Estimating Transition Probabilities from Panel Data," *Economics Letters*, Vol. 19, 31-34.
 16. Alice O. Nakamura and Masao Nakamura (1985), "Rational Expectations and the Firm's Dividend Behavior," *Review of Economics and Statistics*, Vol. 67, 1985, pp. 606-615.
 17. Alice O. Nakamura and Masao Nakamura (1985), "On the Performance of Tests by Wu and by Hausman for Detecting the Ordinary Least Squares Bias Problem," *Journal of Econometrics*, Vol. 29, 213-223.
 18. Alice O. Nakamura and Masao Nakamura (1985), "A Search for Monthly Fluctuation in Canadian Homicides: 1965-1980," *Canadian Journal of Statistics*, Vol. 13, 275-280.
 19. Alice O. Nakamura and Masao Nakamura (1987), "Forecasting the Family Life Cycle," in C.S. Yadav (ed.), *Perspectives in Urban Geography*, Vol. 48, Concept Publishing Company, New Delhi, India, 595-610.
 20. Dallas Cullen, Alice O. Nakamura and Masao Nakamura (1988), "Occupational Sex Segregation in Canada and the United States: Does Affirmative Action Make a Difference?" in A. Rose and L. Larwood (eds.), *Women's Careers: Pathways and Pitfalls*, Praeger Publishers, 163-177.

21. Alice O. Nakamura and Masao Nakamura (1989), "Excess Supply Effects on the Wage Rates of Young Women," in R. Michael and H. Hartman (eds.), *Pay Equity: Empirical Inquiries*, National Research Council, Academic Press, 70-90.
22. Alice O. Nakamura and Masao Nakamura (1989), "Predicting the Effects of Comparable Worth Programs on Female Labor Supply," *Journal of Social Issues*, Vol. 45 (4), 191-208.
23. Alice O. Nakamura and Masao Nakamura (1989), "Selection Bias: More than a Female Phenomenon," in B. Raj (ed.), *Advances in Econometrics and Modelling*, Kluwer Academic Publishers, 143-158.
24. Alice O. Nakamura and Masao Nakamura (1989), "New Measures of Non-wage Compensation Components: Are They Needed?" *Survey of Current Business*, Vol. 69, 58-61.
25. Dennis R. Capozza, Alice O. Nakamura and G. Bloss (1989), "Work History in Female Earnings Loss," *Journal of Forensic Economics*, 58-61.
26. Alice O. Nakamura and Masao Nakamura (1989), "Inventory Management Behavior of American and Japanese Firms," *Journal of the Japanese and International Economics*, Vol. 3, 270-291.
27. Alice O. Nakamura and Masao Nakamura (1990), "Human Capital Concepts and Gender Differences in Earnings," *Canadian Journal of Sociology*, Vol. 15, No. 4, Fall, 463-469.
28. Alice O. Nakamura, Masao Nakamura and Harriet Orcutt Duleep (1990), "Alternative Approaches to Model Choice," *Journal of Economic Behavior and Organization*, Vol. 14, 97-125.
29. Alice O. Nakamura and Masao Nakamura (1990), "Modelling Direct and Indirect Impacts of Tax and Transfer Programs on Household Behavior," in J.K. Brunner and Hans-Georg Peterson (eds.), *Simulation Models in Tax and Transfer Policy*, Campus Verlag, Frankfurt/New York, 461-478.
30. Alice O. Nakamura and Masao Nakamura (1991), "Risk Behavior and the Determinants of Bonus versus Regular Pay in Japan," *Journal of the Japanese and International Economics*, Vol. 5, 140-159.
31. Alice O. Nakamura and Masao Nakamura (1991), "Models of Female Labour Supply, with Special Reference to the Effects of Children," in J.J. Siegers, J. de Jong-Gierveld and E. van Imhoff (eds.), *Female Labour Market Behaviour and Fertility: A Rational-Choice Approach*, Springer-Verlag, Berlin/Heidelberg/New York, 191-212.
32. Alice O. Nakamura and Masao Nakamura (1991), "Children and Labour Supply: Alternative Econometric Approaches," in J.J. Siegers, J. de Jong-Gierveld and E. van Imhoff (eds.), *Female Labour Market Behaviour and Fertility: A Rational-Choice Approach*, Springer-Verlag, Berlin/Heidelberg/New York, 213-236.
33. Alice O. Nakamura and Masao Nakamura (1992), "Wage Rates of Immigrant and Native Men in Canada and the US," in B.R. Chiswick (ed.), *Immigration, Language and Ethnicity: Canada and the United States*, AEI Press (Monograph Series), 145-166.

34. Alice O. Nakamura, Masao Nakamura and Mike Percy (1992), "Macroeconomic Impacts of Immigration," in S. Globerman (ed.), *Immigration Question*, The Fraser Institute, 147-172.
35. Alice O. Nakamura and Masao Nakamura (1992), "The Econometrics of Female Labor Supply and Children," *Econometric Reviews*, Vol. 11, No. 1, 1-71.
36. Alice O. Nakamura and Masao Nakamura (1992), "Reply to Comments on 'The Econometrics of Female Labor Supply and Children,'" *Econometric Reviews*, Vol. 11, No. 1, 93-96.
37. Alice O. Nakamura and Masao Nakamura (1992), "Basic Choices in Microsimulation Modelling, *The CEPHID Modelling Project*," Institute for Research on Public Policy, Montreal, June, 93-107.
38. Alice O. Nakamura and James Walker (1994), "Model Evaluation and Choice," *Journal of Human Resources*, Vol. 29, No. 2, 223-247.
39. Alice O. Nakamura, Masao Nakamura (1994), "Predicting Female Labor Supply: Effects of Children and Recent Work Experience" *Journal of Human Resources*, Vol. 29, No. 2, 304-327.
40. Alice O. Nakamura, Masao Nakamura and Christopher Nicol (1994), "Labor Supply and Child Status Effects on Household Demands," *Journal of Human Resources*, Vol. 29, No. 2, 588-599.
41. Alice O. Nakamura and Peter Lawrence (1994), "Education, Training and Prosperity," in T.J. Courchene (ed.), *Stabilization, Growth and Distribution: Linkages in the Knowledge Era*, John Deutsch Institute, Queen's University, 235-279.
42. Alice O. Nakamura, John G. Cragg and K. Sayers (1994), "The Case for Disentangling the Insurance and Income Assistance Roles of Unemployment Insurance," *Canadian Business Economics*, Vol. 3 (1), 46-53.
43. Alice O. Nakamura, John G. Cragg and K. Sayers (1994), "The Employment Social Security Reform Connection," in K. Banting and K. Battle (eds.), *A New Social Vision for Canada?* School of Policy Studies, Queen's University, 47-56.
44. Alice O. Nakamura and Erwin M. Diewert (1995), "Reforming Our Public Income Support Programs: A Focus on Children," in K. Banting and C. Beach (eds.), *Labour Market Polarization and Social Policy Reform*, School of Policy Studies, Queen's University, 177-198.
45. Alice O. Nakamura, John G. Cragg and K. Sayers (1995), "Corporate Governance and Worker Education: An Alternate View?" in R.J. Daniels and R. Morck (eds.), *Corporate Decision-Making in Canada*, University of Calgary Press, 551-573.
46. Alice O. Nakamura and Masao Nakamura (1996), "An Event Analysis of Female Labor Supply," *Research in Labor Economics*, Vol. 15, 353-378.
47. A.O. Nakamura, R. Bruce, N. Bailey, J. Cragg, and B. Warburton (1996), "Those Returning to Income Assistance," *Canadian Journal of Economics*, Vol. 29, April, S33-S38.
48. Alice O. Nakamura and W. Erwin Diewert (1996), "Can Canada Afford to Spend Less on National Statistics?" *Canadian Business Economics* 4 (3), 33-45.

49. Andrew Baldwin, Alice O. Nakamura and Masao Nakamura (1998), "The New Goods Problem from the Perspective of Price Index Making," in T. Bresnahan and R.J. Gordon (eds.), *New Goods*, NBER/University of Chicago Press, 437-476.
50. Alice O. Nakamura and Masao Nakamura (1998), "Model Specifications and Endogeneity," *Journal of Econometrics*, *Journal of Econometrics* Vol. 15, 353-378.
51. Alice O. Nakamura and William P. Warburton (1998), "Performance Measurement in the Public Sector," *Canadian Business Economics* 6(2), 37-48.
52. Alice O. Nakamura, Ging Wong and W. Erwin Diewert (1999), "New Approaches to Public Income Support in Canada," *The Local Dimension of Welfare-to-Work: An International Survey*, OECD, Ch. 11, 297-337.
53. W. Erwin Diewert and Alice O. Nakamura (1999), "Benchmarking and the Measurement of Best Practice Efficiency: Electricity Generation Application," *Canadian Journal of Economics* 32(2), 570-588.
54. Garnett Picot, Andrew Heisz and Alice Nakamura (2000), "Were 1990s Labour Markets Really Different?" *Policy Options*, Vol. 21 (6), 15-26.
55. W. Erwin Diewert and Alice O. Nakamura (2000), "The Canadian UI Program: Problems and Suggested Reforms," in L.J. Bassi and S.A. Woodbury (eds.), *Research in Employment Policy*, Vol. 2, 2000, 217-247.
56. Alice O. Nakamura and Ging Wong (2001), "Canada's Social Security Programs and Payroll Taxes," Albert Berry (ed.), *Labor Market Policies in Canada and Latin America: Challenges of the New Millennium*, Kluwer Academic Publishers, 109-134.
57. Alice O. Nakamura, Peter Tiessen and W. Erwin Diewert (2002), "Accounting for R&D Costs and Benefits", in M. Nakamura (ed.), *Alliances, Cooperative Ventures and the Role of Government in the Knowledge Based Economy: Policy Issues for Canada and Beyond*, Center for Japanese Research, 43-50.
58. Alice O. Nakamura and Theresa A. Pugh (2002), "New Information Technologies That Are Transforming Communities," in M. Nakamura (ed.), *Alliances, Cooperative Ventures and the Role of Government in the Knowledge Based Economy: Policy Issues for Canada and Beyond*, Center for Japanese Research, 181-190.
59. W.E. Diewert, A.O. Nakamura and P. Tiessen (2003), "Information Failure as an Alternative Explanation of Under Investment in R & D," *Journal of Managerial Decision Economics* 24 (Nos. 2/3), 231-239.
60. W. Erwin Diewert and Alice O. Nakamura (2003), "Index Number Concepts, Measures and Decompositions of Productivity Growth," *Journal of Productivity Analysis*, Vol. 19 (2/3), 127-160.
61. Alice O. Nakamura, Masao Nakamura, and W. Erwin Diewert (2003), "The Potential Impacts of Immigration on Productivity in Canada," in C. Beach, A. G. Green and J. G. Reitz (eds.), *Canada's Immigration Policy for the 21st Century*, McGill-Queen's University Press, 255-293.
62. Alice Nakamura and Masao Nakamura (2004), "Firm Performance, Knowledge Transfer and International Joint Ventures," *International Journal of Technology Management* 27(8), 731-746.

63. A.O. Nakamura, M. Nakamura and A. Seike (2004), "Aging, Female and Foreign Workers, and Japanese Labor Markets: An International Perspective," in M. Nakamura (ed.), *Changing Japanese Business, Economy and Society: Globalization of Post-Bubble Japan*, Palgrave MacMillan, 107-143.
64. W. Erwin Diewert and Alice O. Nakamura (2006), "Concepts and Measures of Productivity: An Introduction," in Chapter 2 Richard E. Lipsey and Alice O. Nakamura (eds.), *Services Industries and the Knowledge Based Economy*, University of Calgary Press, 19-38.
65. W. Erwin Diewert and Alice O. Nakamura (2007), "The Measurement of Productivity for Nations," in James J. Heckman and Edward Leamer (eds.), chapter 66 in *Handbook of Econometric Methods* Vol. 6, Part A, 2007, 4501-4586.
66. Ephraim Leibtag, Alice Nakamura, Emi Nakamura and Dawit Zerom (2007), "Cost pass-through and sticky prices in the ground coffee industry," released as the refereed Economic Research Report Number 38, and also published in the U.S. Department of Agriculture Online Journal, *Amber Waves*.
67. W. Erwin Diewert and Alice O. Nakamura (2007), "Productivity Measures and Sustainable Prosperity" with comments by Hak K. Pyo and Hyunbae Chun, *Seoul Journal of Economics*, Spring Issue, 93-128..
68. Takanobu Nakajima, Emi Nakamura and Masao Nakamura (2007), "Technical Progress and Returns to Scale in Japanese Manufacturing Industries Before and After the Burst of the 1990 Financial Bubble," *Empirica: Journal of Applied Economics and Economic Policy* Vol. 34, Issue 3, 2007, 247-271.
69. A.O. Nakamura, K.L. Shaw, R.B. Freeman, E. Nakamura and A. Pyman (2009), "Jobs Online," in D. Autor (ed.), *Labor Market Intermediation*, NBER and University of Chicago Press, 2009, 27-65.
70. Alan Heston and Alice O. Nakamura (2009), "Questions about the Equivalence of Market Rents and User Costs for Owner Occupied Housing," *Journal of Housing Economics*, Vol. 18, Issue 3, September, 273-279.
71. W. Erwin Diewert, Alice O. Nakamura and Leonard I. Nakamura (2009), "The Housing Bubble and a New Approach to Accounting for Housing in a CPI," *Journal of Housing Economics*, Vol. 18, Issue 3, September, 156-171.
72. Alice O. Nakamura, Emi Nakamura and Leonard I. Nakamura (2011), "Price Dynamics, Retail Chains and Measurement," *Journal of Econometrics*, 151 (1) March, 47-55.
73. R.B. Freeman, A.O. Nakamura, L. Nakamura, M. Prud'homme, and A. Pyman (2011), "Wal-Mart Innovation and Productivity: A Viewpoint," *Canadian Journal of Economics*, 44 (2) May, 486-508.
74. W.E. Diewert, T. Nakajima, A. Nakamura, E. Nakamura and M. Nakamura (2011), "Returns to Scale: Concept, Estimation and Analysis of Japan's Turbulent 1964-1988 Economy," *Canadian Journal of Economics*, *Canadian Journal of Economics*, 44 (2) May, 451-485.
75. H. Hayami, A. Nakamura, M., and A. Nakamura (2012), "Wages, Overseas Investment and Ownership: Implications for Internal Labor Markets in Japan," *International Journal of Human Resource Management* 23, 2012, 2959-2974.

76. Michael J. Harper, Alice O. Nakamura and Lu Zhang (2012), "Difficulties Assessing Multifactor Productivity for Canada," *International Productivity Monitor* 24 (Fall), 76-84. www.csls.ca/ipm/24/IPM-24-Harper.pdf
77. Alice O. Nakamura, Leonard Nakamura and Masao Nakamura (2013), "Building the Innovation Union: Lessons from the 2008 Financial Crisis," in Elias G. Carayannis and George M. Korres (eds.), *The Innovation Union in Europe: A Socio-Economic Perspective on EU Integration*, Edward Elgar Publishing, 58-81. Available at <http://www.elgaronline.com/view/9780857939906.00009.xml> ; prepublication version available at <https://www.philadelphiafed.org/research-and-data/economists/nakamura> .
78. Alice O. Nakamura (2013), "Irving Fisher's Progeny and the 2008 Financial Crisis," *Journal of the History of Economic Thought*, Vol. 35, Issue 2, June, pp 185-197.
79. H. Hayami, M. Nakamura and A.O. Nakamura (2015, forthcoming), Economic performance and supply chains: The impact of upstream firms' waste output on downstream firms' performance in Japan," *International Journal of Production Economics* 160 (Feb): 47-65. Available at <http://www.alicenakamura.com/2015Hayami,Nakamura,Nakamura.pdf>
80. Alice O. Nakamura, W. Erwin Diewert, John S. Greenlees, Leonard Nakamura, Marshall Reinsdorf (2015), "Sourcing Substitution and Related Price Index Biases," in Susan N. Houseman and Michael Mandel (eds.), *Measuring Globalization: Better Trade Statistics for Better Policy*, Volume 1, Biases to Price, Output, and Productivity Statistics from TradeW.E. Upjohn Institute for Employment Research, 21-88. <http://www.upjohn.org/sites/default/files/pdf/MG-Vol1-TOC.pdf>
81. A.L. Sherborne, P.R. Davidson, K. Yu, A.O. Nakamura, M. Rashid and J.L Nakamura (2015), "Mutational Analysis of Ionizing Radiation Induced Neoplasms," *Cell Reports*, Volume 12, Issue 11, pp. 1915-1926. <http://www.cell.com/cell-reports/fulltext/S2211-1247%2815%2900886-4#>

Publications: Books, Monographs and Special Journal Issues

1. *Employment and Earnings of Married Females* (with Masao Nakamura and Dallas Cullen), 1971 Census Analytical Studies Programme, Statistics Canada, Ottawa, December 1979, 168 pp. (available in English and French).

Abstracted in *Journal of Economic Literature*, Vol. 18(2), June 1980, pp. 713-714
2. *The Second Paycheck: A Socioeconomic Analysis of Earnings* (with M. Nakamura), foreword by James J. Heckman, Academic Press, 1985, 509 pp.

Reviews of this book are found in: *Journal of Economic Literature* 25, 1987, pp. 162-163, by Solomon W. Polachek; *Industrial and Labor Relations Review* 40, 1987, p. 301, by Morley Gunderson; *Choice*, January 1986, p. 776, by E.P. Hoffman; *Journal of the American Statistical Association*, 82, 1987, pp. 684-685, by M. Anne Hill; *Economic Journal* 96, 1986, p. 896, by Shirley Dex; *Journal of Political Economy* 95, 1987, pp. 653-656, by Martin D. Dooley; *Economic Studies Quarterly* 30, 1988, pp. 284-286, by T. Inoki (in Japanese)
3. *Essays in Index Number Theory*, Vol. 1 (a collection of W. Erwin Diewert's papers co-edited with W. Erwin Diewert), North Holland, 1993, 551 pp

4. *Working Time in Canada and the United States* (edited with Garnett Picot, Susan Houseman, and Ging Wong), Volumes 1 and 2, W.E. Upjohn Institute for Employment Research publication, ISBN 0-88099-230-1 (372 pages) 2002.
5. Guest Co-Editor (with W. Erwin Diewert and Andrew Sharp), *Canadian Journal of Economics*, Vol. 32, Issue 2, 1999.
6. Guest Editor, *Canadian Journal of Economics*, Vol. 29, Special Issue, Parts 1 & 2, 1996.
7. Guest Co-Editor (with Kathryn Shaw), *Journal of Human Resources* 29 (2), 1994
8. Nakamura, A. O. and R. E. Lipsey (eds.) (2006), *Services Industries and the Knowledge Based Economy*, University of Calgary Press, Calgary,
9. Diewert, W. E., B. M. Balk, D. Fixler, K. J. Fox and A. O. Nakamura (eds.) (2009), *Price and Productivity Measurement-Volume 1: Housing*. Trafford Press.
10. Diewert, W. E., B. M. Balk, D. Fixler, K. J. Fox and A. O. Nakamura (eds.) (2009), *Price and Productivity Measurement-Volume 2: Seasonality*. Trafford Press.
11. Diewert, W. E., B. M. Balk, D. Fixler, K. J. Fox and A. O. Nakamura (eds.) (2009), *Price and Productivity Measurement-Volume 6 -- Index Number Theory*. Trafford Press.
12. Guest Co-Editor (with Dennis R. Capozza), Special Issue on Owner Occupied Housing in National Accounts and Inflation Measures, Volume 18 (Issue 3), September, 2009.
13. Guest Co-Editor (with Robert J. Hill), *Special Issue of the Journal of Income and Wealth*, Volume 56 (Issue S1), 2010.
14. Guest Co-Editor (with Michelle Alexopoulos), "Grappling with the elephant: a symposium on technical change and productivity," *Canadian Journal of Economics*, Volume 44 (Issue 2), 2011.

Un-refereed Articles, Policy Opinion Papers, Introductions, and Other Publications

1. Alice O. Nakamura and K Shaw (1994), "Overview for Special Issue on Women's Work, Wages and Well-Being," *Journal of Human Resources*, Vol. 29, No. 2, 1994, pp. 203-222.
2. Alice O. Nakamura (1995), "New Directions for UI, Welfare and Vocational Education and Training," Presidential Address to the Canadian Economics Association, *Canadian Journal of Economics*, Vol. 28 (4a), 1995.
3. Alice O. Nakamura (1996), "Rehabilitating the Public Sector," *Policy Options* (July-August), 76-70.
4. Alice O. Nakamura (1996), "Employment Insurance: A Framework for Real Reform," A Commentary, C.D. Howe Institute, 12pp.
5. Alice O. Nakamura (1998), "Re-thinking Our National Back-to-School Rhetoric" (with A. Nakamura), *Policy Options*, Vol. 19 (2).
6. Alice O. Nakamura and W. Erwin Diewert (1999), "Roll Back the EI Payroll Tax," *Policy Options* (December), 36-39.
7. W. Erwin Diewert, Alice O. Nakamura and Andrew Sharp (1999), "Introduction and Overview," *Canadian Journal of Economics* Vol. 32(2), 1999, pp. v-xv.

8. Alice O. Nakamura and Theresa A. Pugh (2000), "Our Governments Should Stop Freezing Out Smaller Canadian e-Recruiters," *Policy Options*, Vol. 21 (8), 48-52.
9. Alice O. Nakamura and Susan Houseman (2001), "Introduction and Overview," in A. Nakamura and S. Houseman (eds.), *Working Time in Comparison: Life-Cycle Working Time and Nonstandard Work*, 2001, pp. 1-9.
10. Alice O. Nakamura and W. Erwin Diewert (2004), "Why We Need a Return to Experience Rating in EI," *Fraser Forum*, (February, 10-12.
11. Alice O. Nakamura (2004), "An Overview of the Panel Discussion: Evaluating Local Economic and Employment Development," Chapter 18, *Evaluating Local Economic and Employment Development How to Access What Works among Programmes and Policies*, Sheffield, England, Organisation for Economic Co-operation and Development, 2004, pp. 437-442.
12. Richard E. Lipsey and Alice O. Nakamura (2006), "Introduction," in Richard E. Lipsey and A.O. Nakamura (eds.), *Services Industries and the Knowledge Based Economy*, University of Calgary Press, Calgary.
13. Alice O. Nakamura (2006), "Comments on "The Services Economy in OECD Countries - Trends and Issues," in Richard E. Lipsey and A.O. Nakamura (eds.), *Services Industries and the Knowledge Based Economy*, University of Calgary Press, Calgary.
14. W. Erwin Diewert, Alice O. Nakamura and L.I. Nakamura (2009), "Accounting for Housing in a CPI," published online in the Philadelphia Federal Reserve Bank's research working paper series, and republished in the working paper series of the Bank of International Settlements (BIS), March.
15. Robert J. Hill and Alice O. Nakamura (2010), "Improving Inflation and Related Performance Measures for Nations," *Review of Income and Wealth* 56 (S1), 1-10.
16. Michelle Alexopoulos and Alice O. Nakamura (2011), "Grappling with the elephant: a symposium on technical change and productivity," *Canadian Journal of Economics* 44 (2), 2011, 381-386.
17. Alice O. Nakamura (2013), "Bradford Reid's Mission: The Practice and Promotion of Evidence Based Decision Making," Chapter 14 in *Boom and Bust Again: Policy Challenges for a Resource-Based Economy*, David Ryan (ed.), University of Alberta Press, 335-348.

Book Reviews

Female Labor Supply: Theory and Estimation, edited by James P. Smith, *Canadian Studies in Population*, Vol. 9, 1982, pp. 129-130.

Female Labor Supply: Theory and Estimation, edited by James P. Smith, *Journal of Political Economy*, Vol. 91, 1983, pp. 896-900.

Women Reentering the Labor Force and Training Programs: Evidence from Canada, by D. Boothby (with Masao Nakamura), *Canadian Public Policy*, Vol. 12, December 1986, p. 660.

Social Experimentation, edited by Jerry A. Hausman and David A. Wise (with Masao Nakamura), *Journal of the American Statistical Association*, Vol. 81, 1986, pp. 566-567.

Advanced Econometrics, by Takeshi Amemiya (with Masao Nakamura), *Journal of Business and Economic Statistics*, Vol. 5, 1987, pp. 309-311.

The Economic Emergence of Women, by Barbara R. Bergmann (with Masao Nakamura), *Journal of Economic Literature*, Vol. 25, 1987, pp. 1904-1906.

Women and the Economy: A Comparative Study of Britain and USA, by A.T. Mallier and M.J. Rosser, *Industrial and Labor Relations Review*, Vol. 41, 1988, p. 331.

The Measurement of the Economic Benefits of Infrastructure Services, by Walter Erwin Diewert (with Masao Nakamura), *Journal of Business and Economic Statistics*, Vol. 6, No. 4, 1988, pp. 517-518.

The Practice of Econometrics: Classic and Contemporary, by E.R. Berndt, *Journal of the American Statistical Association*, 1992.

Grants for Research

1990-1995	SSHRC	270,000	
Co-investigator (with W. Erwin Diewert, the Principle Investigator, and Peter Lawrence , Allen Russell, and Mike Tretheway all of UBC), "Assessing the Productivity Benefits from Engineering Improvements."			
1994-1996	SSHRC	45,000	
Co-investigator (with W. Erwin Diewert of UBC, the Principle Investigator), "The Measurement of Business Capital, Income and Performance."			
1994-96	Statistics Canada	155,000	
Principle Investigator (with M. Nakamura of UBC and C. Nicol of the University of Regina), "Census Analytic Studies: Immigration Area"			
1996-1999	SSHRC	60,000	
Principle Investigator (with co-investigator Erwin Diewert and John Cragg of UBC), "Predicting Welfare Caseloads."			
1998-2001	SSHRC		
Co-investigator (with W. Erwin Diewert of UBC, the Principle Investigator), "The Measurement of Business Capital, Income and Performance."			
1999-2002	Industry Canada		
Collaborating Investigator, The Prairie Centre of Excellence for Research on Immigration and Integration (PCERII, Director: Baha Abu-Laban, University of Alberta).			
2000-2003	SSHRC		Strategic Grant Group based at UBC
Co-investigator (with Masao Nakamura, Principle Investigator, and with Pitman Potter, Sandra Robinson and Ilan Vertinsky all of UBC), "Exploring New Forms of R&D Alliances."			
2001-2003	SSHRC	413,600	Strategic Grant Group
Principle Investigator (with co-investigators Dallas Cullen and Peter Tiessen of the University of Alberta and Erwin Diewert of UBC), "Rethinking Productivity Measures."			
2001-2003	SSHRC	88,000	
Principle Investigator (co-investigator Erwin Diewert of UBC), "Decomposing Productivity Measures."			
2004-2007	SSHRC	186,100	
Principle Investigator (with co-investigators W. Erwin Diewert and Masao Nakamura of UBC), "Methods for Measuring Labour Prices and Quantities for Industries and Nations."			

2008-2010.	SSHRC	131,796	Co-investigator (with principal investigator Masao Nakamura of UBC), "Interfirm Relationships in Manufacturing Industries: the Role of Keiretsu Networks in Japan and Policy Implications."
2009-2011	SSHRC	68,002	Co-investigator (principal investigator Erwin Diewert), "Inventories and Related SNA Measurement Challenges."
2011-2014	SSHRC	83,590	Co-investigator (with principal investigator Masao Nakamura of UBC), "Selective adaptation of Anglo-American corporate governance practices in East Asia: the case of Japan."
2013-2018	SSHRC	108,600	Co-investigator (with principal investigator Erwin Diewert of UBC), "Productivity: measures, measurement errors and public policies."
2015-2019	SSHRC	76,000	Co-investigator (with principal investigator Masao Nakamura of UBC), "Japan's keiretsu versus business groups in Korea and China: Has corporate governance reform worked?"

Main Public Policy and Professional Association Appointments and Public Service

Edmonton Social Planning Council, Advisor (1992-1994)

Axworthy Social Security Reform Task Force (1994-1995)

Canadian Economics Association (CEA), Executive Council (1986-1989), Vice President (1993), President Elect and Program Chair (1994), President (1995)

Statistics Canada, Price Measurement Advisory Committee (1984-2008)

The John Deutsch Institute, Advisory Board (2002-2009)

Toward 2000 Together Advisory Committee, Province of Alberta (1992-1993)

Canadian Employment Research Forum (CERF), Co-chair (2011-date), Executive Council (1991-date), and previously the Academic co-chair (1997-June, 2004)

Statistics Canada, National Accounts Advisory Committee (1998-2014)

C.D. Howe Institute, Research Fellow (2000-date)

Centre for the Study of Living Standards. Founding Member of the Board (to date)

US Federal Reserve Bank of Philadelphia, External Researcher, (2009-date)

Conference on Income and Wealth of the National Bureau of Economic Research (1989-date)

International Association for Research on Income and Wealth, Council member (2008-2018), President and Program Chair for the bi-annual 2016 IARIW General Conference, (2014-2016).

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