THE UNIVERSITY OF BRITISH COLUMBIA

PUBLICATIONS RECORD

NAME IN FULL (surname first): DIEWERT, Walter Erwin

FACULTY: Arts

DEPARTMENT OR SCHOOL: Economics

Date of most recent revision (please initial)

March 23/21

(Complete two copies according to the following categories):

a) Publications or original works (including books, performances, films, exhibitions, etc.). List in proper bibliographical form according to the discipline including title and pagination, and indicate with an asterisk those you consider of primary importance. Include only those published or in press. Work appearing in refereed publications should either be identified by an R in the left hand margin beside the bibliographical entry or by separate listing under the heading: Refereed Publications.

Example 1:

Example 2:

b) Completed and unpublished material including Commission Reports, Discussion Papers or similar materials (include only those of significance; if paper read at a conference, indicate date and nature of conference as well as status of other material).

c) Work in progress (indicate degree of completion at the time of last updating of curriculum vitae).

a) Publications or original works: Journal Articles


"Flexible Functional Forms and Global Curvature Conditions", (with T.J. Wales), Econometrica 55 (January 1987), pp. 43-68.


82 “Why We Need a Return to Experience Rating in EI”, (with A.O. Nakamura), *Fraser Forum*, (February 2004), pp. 10-12.


“Reconciling Gross Output TFP Growth with Value Added TFP Growth”, International Productivity Monitor, (Fall 2015), Number 29, pp. 60-67.


139 “Addendum to Output Growth and Inflation Across Space and Time”, (with Kevin J. Fox), *EURONA* 2018:2, pp. 1-10.


### a) Publications: Books


4. *Price Level Measurement* (editor), Contributions to Economic Analysis 196, Amsterdam: North-Holland, (1990), 377 pp. (This is a shrunken version of book 1 listed above).


a) Publications: Government Publications and Contributions to Books

1 “Canadian Labour Markets: A Neoclassical Econometric Approach”, Research Branch, Department of Manpower and Immigration, Ottawa, Ontario (1968), 86 pp.


40 “Multiproduct Cost Function Estimation and Subadditivity Tests: A Critique of the Evans and Heckman Research on the U.S. Bell System”, (with T.J. Wales), Evidence submitted to the CRTC, Ottawa, (December 28, 1990), 18 pp. (Also printed as Department of Economics, University of British Columbia, Discussion Paper No. 91-21, 19 pp.)

41 “On the Subadditivity of Telecommunications Cost Functions: Some Empirical results for the U.S. and Japan”, (with T.J. Wales), Evidence submitted to the CRTC, Ottawa, (December 28, 1990), 41 pp plus Appendices.


*47 “Duality Approaches To Microeconomic Theory”, in Essays in Index Number Theory, Volume I, Contributions to Economic Analysis 217, W.E. Diewert and A.O. Nakamura (eds.), Amsterdam: North Holland, (1993), pp. 105-175. This is an expanded version of 16 above.


49 “The Consumer Price Index”, written and oral testimony to the Committee on Finance, United States Senate, (April 6, 1995), 6 pp. of written testimony, parts of 94 pp. of oral testimony.


“Natural Resources and Missing Inputs in International Productivity Comparisons”, (with D. Freeman and R. Inklaar), Review of Income and Wealth, forthcoming.

b) Completed and Unpublished Material


12 “Efficiency Improving Incentive Schemes for Regulated Industries”, Discussion Paper No. 85-34, Department of Economics, University of British Columbia, Vancouver, B.C., Canada, (November 1985), 110 pp. (A condensed version was published in Telecommunications Demand Modelling; see #36 above.)


23 “New Measures of the Excess Burden of Capital Taxation in Canada”, presented at the Creating Canada’s Advantage in an information Age Conference, Ottawa, (May 2000), (with D. Lawrence), pp. 52.


25 “Should Canada’s Rate of Capital Gains Taxation be Reduced?”, (with D.A. Lawrence), Discussion Paper No. 99-19, Department of Economics, University of British Columbia, Vancouver, B.C., Canada, (June 1999), 22 pp.


Introduction to The Measurement of Business Capital, Income and Performance
Chapter 4 - Constructing a Capital Stock for R&D Investments, 16 pp.
Chapter 5 - Constructing a Capital Stock for Inventories and the Measurement of Inventory Change, 17 pp.
Chapter 6 - The Aggregation of Capital over Vintages in a Model of Embodied Technical Progress, 32 pp.
Chapter 8 - The Measurement of Performance: Productivity versus the Real Rate of Return, 68 pp.


60 “Depreciation, Deterioration and Obsolescence when there is Embodied or Disembodied Technical Change”, (with Frank C. Wykoff), Discussion Paper 06-02, Department of Economics, University of British Columbia, Vancouver, B.C., Canada, (December 2006), 31pp.


63 “Services and the Treatment of International Trade: New Economy Data Needs and Challenges, paper presented at the International Conference on Total Factor Productivity Based on the KLEMS Industrial Database held on October 24, 2007 at the Korea Chamber of Commerce & Industry, Seoul, Korea, 18 pp.


“Comment on Different Approaches to Index Number Theory”, (with Robert J. Hill), Discussion Paper 09-05, Department of Economics, University of British Columbia, Vancouver, B.C., Canada, (January 2009), 18 pp.


“Comment on Understanding PPPs and PPP Based National Accounts”, Discussion Paper 10-05, Department of Economics, University of British Columbia, Vancouver, B.C., Canada, (March 2010), 16 pp.

“Bias Due to Input Source Substitutions: Can It Be Measured?”, (Alice O. Nakamura), Discussion Paper 10-06, Department of Economics, University of British Columbia, Vancouver, B.C., Canada, (May 2010), 21 pp.


79 “Notes on Price Measurement”, a preliminary version of these Notes were presented at the 32nd General Conference of the International Association for Research in Income and Wealth held in Cambridge, MA, August 5-11, 2012.

Chapter 1 - Early Approaches to Index Number Theory, 27 pp.
Chapter 2 - The Economic Approach to Index Number Theory, 47 pp.
Chapter 3 - An Introduction to Multilateral Index Number Theory, 38 pp.
Chapter 4 - Elementary Price Indexes, 23 pp.
Chapter 5 - Lowe Indexes and the Practical Construction of a CPI, 16 pp.
Chapter 6 - The Treatment of Seasonal Commodities, 13 pp.
Chapter 7 - Scanner Data and the Rolling Year GEKS Method for Constructing Indexes, 12 pp.
Chapter 9 – Recommendations, 5 pp.


95 “Output Growth and Inflation across Space and Time”, (with Kevin J. Fox) UNSW Business School Research paper No. 2015, ECON 4, University of New South Wales, Australia, (March 2015), 41 pp.


97 “The User Cost of Nonrenewable Resources and Green Accounting”, (with Kevin J. Fox), Discussion Paper 16-01, Vancouver School of Economics, University of British Columbia, Vancouver, B.C., Canada (March 2016), 8 pp.

98 “Interview of Professor W. Erwin Diewert”, (with Kevin J. Fox), Discussion Paper 16-02, Vancouver School of Economics, University of British Columbia, Vancouver, B.C., Canada (June 2016), 59 pp.


100 “Developing Land and Structure Price Indexes for Ottawa Condominium Apartments”, (with Kate Burnett-Isaacs and Ning Huang), Discussion Paper 16-09, Vancouver School of Economics, University of British Columbia, Vancouver, B.C., Canada (November 2016), 31 pp.


103 “Alternative Approaches for Resale Housing Price Indexes”, (with Ning Huang and Kate Burnett-Isaacs), Discussion Paper 17-05, Vancouver School of Economics, University British Columbia, Vancouver, B.C., Canada (May 2017), 36 pp.


108 “Scanner Data, Elementary Price Indexes and the Chain Drift Program”, Vancouver School of Economics, Discussion Paper 18-06, University of British Columbia, Vancouver, B.C., Canada (October 2018), 85 pp.


112 “Measuring the Services of Durables and Owner Occupied Housing”, (with Chihiro Shimizu), Vancouver School of Economics, Discussion Paper 18-09, University of British Columbia, Vancouver, B.C., Canada (December 2018), 78 pp.


120 “Residential Property Price Indexes, Spatial Coordinates versus Neighbourhood Dummy Variables”, (with Chihiro Shimizu), Discussion Paper 19-08, University of British Columbia, Vancouver, B.C., Canada (September 2019), 48 pp.


c) **Work in Progress**

1. Further work on hedonic regression techniques in the measurement of house price change
2. The contribution of changes in the terms of trade to real income growth
3. Problems in the measurement of capital and income
4. Investigation of possible biases in the UK’s consumer price indexes
5. Problems in the measurement of productivity