

THE UNIVERSITY OF BRITISH COLUMBIA
Publications Record

SURNAME: Blackorby

FIRST NAME: Charles

Initials:

MIDDLE NAME(S):

Date: 07/09/01

1. REFEREED PUBLICATIONS

(a) *Journals*

FORTHCOMING

"Canadian Unemployment Insurance as a Pareto-Optimal Policy Instrument", forthcoming in *Canadian Journal of Economics*, 2001.

"Population Ethics and the Existence of Value Functions", (with W. Bossert and D. Donaldson), forthcoming in *Journal of Public Economics*, 2001a.

"Rationalizable Variable-Population Choice Function", (with W. Bossert and D. Donaldson), forthcoming in *Economic Theory*, 2001b.

"Utilitarianism and the Theory of Justice", (with W. Bossert and D. Donaldson), forthcoming in *Handbook of Social Choice and Welfare*, K. Arrow, A. Sen, and K. Suzumura, eds., Elsevier, Amsterdam, 2001c.

"Population Principles with Number-Dependent Critical Levels" (with W. Bossert and D. Donaldson), forthcoming in *Journal of Public Economic Theory*, 2001d.

PUBLISHED

"The Value of Limited Altruism", (with W. Bossert and D. Donaldson), *Journal of Economic Theory* **95**, 2000, 37-70.

"Fiscal Federalism Revisited", (with C. Brett), *Journal of Economic Theory* **95**, 2000, 300-317.

"Adulte-Equivalence Scale: A Brief Survey", *Économie Publique, La Politique Familiale* **3**, **No. 4**, 1999, 49-66.

"Partial-Equilibrium Welfare Analysis", *Journal of Public Economic Theory* **1**, **No. 3**, 1999, 359-374.

"Functional Equations and Population Ethics", (with W. Bossert and D. Donaldson), *Aequationes Mathematicae* **58**, 1999f, 272-284.

"Foreign Aid and Population Policy: Some Ethical Considerations", (with W. Bossert and D. Donaldson), *Journal of Development Economics* **59**, 1999d, 203-232.

- "Rationalizable Solutions to Pure Population Problems", (with W. Bossert and D. Donaldson), *Social Choice and Welfare* **16**, 1999c, 395-407.
- "Information Invariance in Variable-Population-Social Choice Problems", (with W. Bossert and D. Donaldson), *International Economic Review* **40**, 1999b, 403-422.
- "Price-Independent Welfare Prescriptions and Population Size", (with W. Bossert and D. Donaldson), *Journal of Economic Theory* **84**, 1999a, 111-119.
- "Market Demand Curves and Dupuit-Marshall Consumers' Surpluses: A General Equilibrium Analysis", (with D. Donaldson), *Mathematical Social Science* **37**, 1999, 139-163.
- "Harsanyi's Social Aggregation Theorem for State-Contingent Alternatives", (with D. Donaldson and J. Weymark), *Journal of Mathematical Economics* **32**, 1999, 365-387.
- "The Aggregation and Disaggregation of Efficiency Indices", Working Paper 94-12, Economics, University of British Columbia, *Journal of Productivity Analysis* **12**, 1999, 5-20
- "Uncertainty and Critical-Level Population Principles", (with W. Bossert and D. Donaldson), *Journal of Population Economics* **11**, 1998, 1-20.
- "Critical-Levels and the (Reverse) Repugnant Conclusion", (with W. Bossert, D. Donaldson and M. Fleurbaey), *Journal of Economics* **67**, 1998, 1-15.
- "Birth-Date Dependent Population Ethics: Critical-Level Principles", (with W. Bossert and D. Donaldson), *Journal of Economic Theory* **77**, 1997, 260-284.
- "Critical-Level Utilitarianism and the Population-Ethics Dilemma", (with W. Bossert and D. Donaldson), *Economics and Philosophy* **13**, 1997, 197-230.
- "Intertemporally Consistent Population Ethics: Birth-Date Dependent Classical Principles", (with W. Bossert and D. Donaldson), *Japanese Economic Review* **48**, 1997, 267-292.
- "Two-Stage Budgeting: An Extension of Gorman's Theorem", (with R. Robert Russell), *Economic Theory* **9**, 1997, 185-193.
- "Leximin Population Ethics", (with W. Bossert and D. Donaldson), *Mathematical Social Sciences* **31**, 1996, 115-131.
- "Consistency, Replication Invariance, and Generalized Gini Bargaining Solutions", (with W. Bossert and D. Donaldson), *Journal of Economic Theory* **69:2**, 1996, 367-386.
- "Quasi-Ordering and Population Ethics", (with W. Bossert and D. Donaldson), *Social Choice and Welfare* **13**, 1996, 129-150.
- "Intertemporal Population Ethics: Critical-Level Utilitarian Principles", (with W. Bossert and D. Donaldson), *Econometrica* **63**, 1995, 1303-1320.

- "Proportional Budgeting and Decentralization"(with R. Robert Russell), *Econometrica* **63**, 1995, 431-440.
- "Multi-Valued Demand and Rational Choice in the Two-Commodity Case", (with W. Bossert and D. Donaldson), *Economic Letters* **47**, 1995, 5-10.
- "Generalized Gini and Cooperative Bargaining Solutions", (with W. Bossert and D. Donaldson), *Econometrica* **62**, 1994, 1161-1178.
- "The Conjunction of Direct & Indirect Separability", (with R.R. Russell), *Journal of Economic Theory*, 1994 , 62 480-498.
- "Economies with a Two-Sector Representation", (with R. Davidson and W. Schworm), *Economic Theory* **60**, 1993, 413-434.
- "Adult-Equivalence Scales and the Economic Implementation of Interpersonal Comparison of Well-Being", (with D. Donaldson), *Social Choice and Welfare* **10**, 1993, 335-361.
- "Reference-Price-Independent Welfare Prescriptions", (with F. Laisney and R. Schmachtenberg), *Journal of Public Economics* **50**, 1993, 63-76.
- "Necessary and Sufficient Conditions for Factor Price Equalization", (with W. Schworm and A.Venables), *Review of Economic Studies* **60**, 1993, 413-434.
- "The Implications of Additive Community Preferences", (with W. Schworm and A. Venables), *Review of Economic Studies* **60**, 1993, 209-228.
- "Equivalence Scales and Welfare: A Comment", (with D. Donaldson), *Journal of Public Economics* **50**, 1993, 143-146.
- "The Value of Living: A Comment", (with D. Donaldson), *Récherche Economique de Louvain* **58**, 1992, 143-145.
- "Pigs & Guinea Pigs: A Note on the Ethics of Animal Exploitation", (with D. Donaldson), *Economic Journal* **102**, 1992, 1345-1369.
- "Normative Population Theory: A Comment", (with D. Donaldson) in *Social Choice and Welfare* **8**, 1991, 261-267.
- "Implicit Separability: Characterisation and Implications for Consumer Demand", (with R. Davidson and W. Schworm), *Journal of Economic Theory* **55** , 1991, 364-399.
- "Ordering", "Preorderings", and "Lexicographic Orderings" in *Utility and Probability* edited by J. Eatwell, M. Milgate, and P. Newman, reprinted from *The New Palgrave* , 1990, 134, 142-143, and 161-162.
- "Elasticity of Substitution in a Regulated Firm" (with R. Robert Russell), *Economic Letters***32**, 1990, 111-114.

- "Will the Real Elasticity of Substitution Please Stand Up? (A Comparison of the Allen/Uzawa and Morishima Elasticities)", (with R. Russell), *American Economic Review* **79**, 1989, 882-888.
- "Cash Versus Kind, Self-Selection, and Efficient Transfers", (with D. Donaldson), *American Economic Review* **78**, 1988, 691-700.
- "Money Metric Utility: A Harmless Normalization?", (with D. Donaldson), *Journal of Economic Theory* **46**, 1988, 120-129.
- "The Existence of Input and Output Aggregates in Aggregate Production Functions," (with W. Schworm), *Econometrica* **56**, 1988, 613-644.
- "Welfare Ratios and Distributionally Sensitive Cost-Benefit Analysis", (with D. Donaldson), *Journal of Public Economics* **34**, 1987, 265-290.
- "Can Risk-Benefit Analysis Provide Consistent Policy Evaluation of Projects Involving Loss of Life?", (with D. Donaldson), *Economic Journal* **96**, 1986, 758-773.
- "Consumers' Surpluses and Consistent Cost-Benefit Tests", (with D. Donaldson), *Social Choice and Welfare* **1**, March 1985, 251-262.
- "Ethical Social Index Numbers and the Measurement of Effective Tax/Benefit Progressivity", (with D. Donaldson), *Canadian Journal of Economics* **17**, 1984, 683-694.
- "The Structure of Economies with Aggregate Measures of Capital: A Complete Characterization, (with W. Schworm), *Review of Economic Studies* **51**, 1984, 633-650.
- "Social Criteria for Evaluating Population Change", (with D. Donaldson), *Journal of Public Economics*, November 1984, pp. 13-34.
- "Social Choice with Interpersonal Utility Comparisons: A Diagrammatic Introduction", (with D. Donaldson and J. Weymark), *International Economic Review* **25**, No. 2, June 1984, 327-356.
- "Consumers' Surplus and Welfare Change in a Simple Dynamic Model", (with D. Donaldson and D. Maloney), *Review of Economic Studies* **51**, January 1984, 171-176.
- "Aggregation Heterogeneous Capital in Adjustment-Cost Models", (with W. Schworm), *Scandinavian Journal of Economics* **85**, No. 2, 1983, 207-222.
- "Intertemporal Technologies and the Existence of an Aggregate Investment Function", (with W. Schworm), *Review of Economic Studies* **49**, October 1982, 595-614.
- "Ratio-Scale and Translation-Scale Full Interpersonal Comparability Without Domain Restrictions: Admissible Social-Evaluation Functions", (with D. Donaldson), *International Economic Review*, June, 1982, 249-268.

- "A Normative Approach to Industrial-Performance-Evaluation and Concentration Indices", (with D. Donaldson and J. Weymark), *European Economic Review*, September, 1982, 89-122.
- "A New Procedure for the Measurement of Inequality Within and Among Population Subgroups", (with D. Donaldson and M. Auersperg), *Canadian Journal of Economics* **14**, November 1981, 665-685.
- "The Morishima Elasticity of Substitution; Symmetry, Constancy, and Relationship to the Hicks and Allen Elasticities", (with R. Russell), *Review of Economic Studies* **48**, January 1981, 147-158.
- "Ethical Indices for the Measurement of Poverty", (with D. Donaldson), *Econometrica* **48**, No. 5, May 1980, 1053-1960.
- "Index Numbers and Consistency in Aggregation", (with D. Primont), *Journal of Economic Theory* **22**, No. 1, February, 1980, 87-98.
- "A Theoretical Treatment of Indices of Absolute Inequality", (with D. Donaldson), *International Economic Review* **21**, No. 1, February 1980, 107-136.
- "Expenditure Functions, Local Duality, and Second Order Approximations", (with W.E. Diewert), *Econometrica* **47**, No. 3, May, 1979, 579-602.
- "Measures of Relative Equality and Their Meaning in Terms of Social Welfare", (with D. Donaldson), *Journal of Economic Theory* **18**, No. 1, June 1978, 59-80.
- "Estimation of Demand Systems Generated by the Gorman Polar Form: A Generalization of the S-Branch Utility Tree", (with R. Boyce, and R. Russell), *Econometrica* **46**, No. 2, March 1978, 345-364.
- "Indices and Subindices of the Cost of Living and the Standard of Living", (with R. Russell), *International Economic Review* **19**, No. 1, February 1978, 229-240.
- "A Homiletic Exposition of the Expected Utility Hypothesis", (with R. Davidson and D. Donaldson), *Economica* **44**, No. 176, November 1977, 251-358.
- "Utility vs. Equity: Some Plausible Quasi-Orderings", (with D. Donaldson), *Journal of Public Economics* **7**, No. 3, July 1977, pp. 365-381.
- "Separability vs. Functional Structure: A Characterization of Their Differences", (with D. Primont and R. Russell), *Journal of Economic Theory* **15**, No. 1, June 1977, 135-144.
- "On Testing Separability Restrictions with Flexible Functional Forms", (with D. Primont and R. Russell), *Journal of Econometrics* **5**, No. 2, March 1977, 195-209.
- "Dual Price and Quantity Aggregation", (with D. Primont and R. Russell), *Journal of Economic Theory* **14**, No. 1, February 1977, 130-148.

"Extended Hicks Neutral Technical Change", (with C. Knox Lovell and M. Thursby), *The Economic Journal* **86**, No. 343, December 1976, 845-852.

"Functional Structure and the Allen Partial Elasticities of Substitution: An Application of Duality Theory", (with R. Russell), *Review of Economic Studies* **XLIII**, No. 134, June 1976, pp. 285-291.

"Degrees of Cardinality and Aggregate Partial Ordering", *Econometrica* **43**, No. 5-6, September-November, 1975, 845-852.

"Budgeting, Decentralization and Aggregation", (with D. Primont and R. Russell), *Annals of Economic and Social Measurement* **4**, No. 1, January 1975, 23-44.

"Some Simple Remarks on Duality and the Structure of Utility Functions", (with D. Primont and R. Russell), *Journal of Economic Theory* **11**, No. 1, August 1975, 155-160.

"Recursively Decentralized Decision Making", (with D. Nissen, D. Primont, and R. Russell), *Econometrica* **42**, No. 3, May 1974, pp. 487-496.

"Consistent Intertemporal Decision Making", (with D. Nissen, D. Primont, and R. Russell), *Review of Economics Studies* **XL**, No. 2, April 1973, pp. 239-248.

"Homothetic Separability and Consumer Budgeting", (with G. Lady, D. Nissen, and R. Russell), *Econometrica* **38**, No. 3, May 1970, pp. 468-471.

(b) *Conference Proceedings*

"Social Aggregation and the Expected Utility Hypothesis", (with D. Donaldson and J. Weymark), forthcoming in *Justice, Political Liberalism, and Utilitarianism* edited by M. Salles and J. Weymark, Cambridge University Press.

"Income Inequality Measurement: The Normative Approach", (with W. Bossert and D. Donaldson), *Income Inequality Measurement: From Theory to Practice* edited by J. Silber, Kluwer, Dordrecht, 1999e, 133-157.

"Intertemporal Consistent Population Ethics: Classical Utilitarian Principles", (with W. Bossert and D. Donaldson), *Social Choice Re-Examined*, Vol. 2, edited by K. Arrow, A. Sen, and K. Suzumura, London: MacMillan, 1996, 137-162.

"Ethically-Consistent Welfare Prescriptions Are Reference-Price Independent", (with F. Laisney and R. Schmachtenberg), in *Measuring Economic Welfare* edited by R. Blundell and I. Walker, Cambridge University Press, 1994, 247-264.

"Measuring the Costs of Children: A Theoretical Framework", (with D. Donaldson), in *Measuring Economic Welfare* edited by R. Blundell and I. Walker, Cambridge University Press, 1994, 51-79.

- "Samuelson's "Shibboleth" Revisited: Proportional Budgeting Among Agents and Rank-Two Demand Systems", (with R.R. Russell), *Mathematical Modeling in Economics* edited by W. Diewert, K. Spreman, and F. Stehling, Heidelberg: Springer-Verlag, 1993, 35-47.
- "Adult-Equivalence Scales, Intepersonal Comparisons of Well-Being, and Applied Welfare Economics", (with D. Donaldson), in *Interpersonal Comparisons of Well-Being*, edited by J. Elster and J. Roemer, Cambridge University Press: Cambridge, 1991, 164-199.
- "Ethically Significant Ordinal Indexes of Relative Inequality", (with D. Donaldson), in R.L. Basmann and G.F. Rhodes, eds., *Advances in Econometrics, Vol. 3, Economic Inequality: Measurement and Policy*, JAI Press, Greenwich, 1984, pp. 131-147.
- "Consistent Commodity Aggregates in Market Demand Equations", (with W. Schworm), in *Measurement in Economics* edited by Wolfgang Eichhorn, Physica-Verlag, 1988, 577-606.
- "Preference Diversity and Aggregate Economic Cost-of-Living Indexes", (with D. Donaldson), in *Conference Proceedings: Statistics Canada on Conference Price Measurement*, edited by W.E. Diewert and C. Marquette, 1983, 373-409, reprinted in *Price Level Measurement* edited by W. E. Diewert, 1990, 285-320.
- "Rationalizing the Use of Aggregates in Resource Problems", (with W. Schworm), in *Economic Theory of Natrual Resources*, edited by W. Eichhorn, R. Henn, K. Neumann, and R.W. Shepard, Physica/Wurzburg, 1982, 25-40.
- "An Extension and Alternative Proof of Gorman's Theorem on Perfect Price Aggregation", (with D. Primont and R. Russell), in *The Theory of Economic Index Numbers*, edited by W. Eichhorn, Physica: Wurzburg, 1978, pp. 109-141.

(c) *Other*

2. NON-REFEREED PUBLICATIONS

(a) *Journals*

"Information and Intergroup Transfers", (with D. Donaldson), *American Economic Review: Papers and Proceedings* **84**, 1994, 4

(b) *Conference Proceedings*

(c) *Other*

3. **BOOKS**

(a) *Authored*

Duality, Separability, and Functional Structure: Theory and Economic Applications, (with D. Primont and R. Russell), American Elsevier/North Holland: New York/Amsterdam, 1978, 398 pp.

(b) *Edited*

The Collected Works of W. M. Gorman: Volume I (with A. Shorrocks), Clarendon Press, Oxford, 1995, 491 pp.

(c) *Chapters*

"Income Inequality Measurement: The Normative Approach", (with W. Bossert and D. Donaldson), forthcoming as Chapter 5 in *Income Inequality Measurement: From Theory to Practice* edited by Jacques Silber, Kluwer, Dordrecht.

"Separability: A Survey", (with D. Primont and R. Russell), forthcoming in *The Handbook of Utility Theory*, edited by S. Barbera, P. Hammond, and C. Seidl, Kluwer, Dordrecht.

"Samuelson's "Shibboleth" Revisited: Proportional Budgeting Among Agents and Rank-Two Demand Systems", (with R.R. Russell), *Mathematical Modeling in Economics* edited by W. Diewert, K. Spreman, and F. Stehling, Heidelberg: Springer-Verlag, 1993, 35-47.

"The Macroeconomic Consequences of Expo 86", (with M. Slade and R. Picard) in *The Expo Story*, edited by R. Anderson and E. Wachtel, Vancouver: Harbor, 1986.

"Expo 86: An Economic Impact Analysis," (with M. Slade, D. Donaldson, and R. Picard) in *Restraining the Economy*, edited by R. Allen and G. Rosenbluth, Vancouver: New Star, 1986.

4. **PATENTS**

5. **SPECIAL COPYRIGHTS**

6. **ARTISTIC WORKS, PERFORMANCES, DESIGNS**

7. OTHER WORKS

"The Axiomatic Approach to Population Ethics", (with W. Bossert and D. Donaldson), Department of Economics Discussion Paper No. 01-03, University of British Columbia, 2001e.

"A Representation Theorem for Domains with Discrete and Continuous Variables", (with W. Bossert and D. Donaldson), Department of Economics Discussion Paper No. 01-22, University of British Columbia, 2001f.

"Welfarism with Multiple Non-Welfare Profiles", (with W. Bossert and D. Donaldson), Department of Economics, University of British Columbia, unpublished manuscript 2001g.

"On the Observational Equivalence of Models with Infinitely-Lived Agents and Overlapping Generations", (with R. Russell).

"Market-Surplus Function and Economic Efficiency", Working Paper 93-36, Economics, University of British Columbia.

"The Canadian Debt: The Real Problem", (with P. Beaudry), (Put to pasture after repeated newspaper rejections.)

"Testing for the Existence of Input Aggregates in an Economy Production Function", (with W. Schworm and T. Fisher), UBC Discussion Paper No. 86-26, June 1986.

"A Suggestion for Reducing the Social Costs of Labour Disputes Without Biasing the Outcome", (with D. Donaldson), Department of Economics Discussion Paper No. 83-10), January, 1983, 7 pp.

"The Existence of Muellbauer's Representative Consumer and Budget Shares", Department of Economics Discussion Paper, No. 81-20, May 1981, 21 pages.

"A Normative Interpretation of Community Indifference Curves and a Direct Characterization of the Implied Preferences", Department of Economics Discussion Paper, No. 81-19, April 1981, 22 pages.

"Multiple-grade Models in the Theory of Exhaustible Resources: Alternative Characterizations and Interpretations", (with W. Schworm), UBC, Department of Economics Discussion Paper No. 80-31, September 1980, 40 pages.

"On John Harsanyi's Defences of Utilitarianism", (with D. Donaldson and J. Weymark), Department of Economics Discussion Paper No. 80-4, March, 1980, 32 pp.

"Conjugate Implicit Separability", (with R. Russell), July 1976, accepted by *Review of Economic Studies*.

8. WORK SUBMITTED (including publisher and date of submission)

"Taxes and Employment Subsidies in Optimal Redistribution Programs", (with P. Beaudry), UBC Discussion Paper No. 97-21, submitted to *Review of Economic Studies*.

9. WORK IN PROGRESS (including degree of completion)

Aggregation and Non-Expected Utility (with D. Donaldson and P. Mongin).

Expenditure versus Income Taxes (with C. Brett).

Optimal Redistribution Programs (with P. Beaudry).

Nonparametric Recovery of Exact Equivalence Scales (with R. Blundell).

Second-Best Consumer Surplus and Welfare Reform.

Limited Altruism (with W. Bossert and D. Donaldson).