

CURRICULUM VITAE (Abbreviated)

NAME: Robert G. Chambers BORN: Washington, D.C.

TITLE: Professor
Department of Agricultural and Resource Economics
University of Maryland
College Park, Maryland 20742
301-405-1266

Honorary Professor
University of Queensland
St. Lucia, Queensland
Australia

Adjunct Professor
School of Agricultural Economics
University of Western Australia
Crawley, Western Australia
Australia

Education

<i>Institution</i>	<i>Degree</i>	<i>Year</i>
Georgetown University	S.B.R.E.	1972
University of Maryland	M.S.	1975
University of California	Ph.D.	1979

Honors, Fellowships, and Appointments

Fellow, American Agricultural Economics Association, 1999.

Quality of Research Discovery Award, European Association of Agricultural Economists, 2011 (joint with Christopher O'Donnell and John Quiggin).

SCOR/IDEI Award for best paper published in Geneva Review of Insurance and Risk (2010) (joint with John Quiggin)

Paul R. Poffenberger Excellence in Teaching and Advising Award, College of Agriculture and Natural Resources, University of Maryland, 2010.

Excellence in Instruction Award, College of Agriculture and Natural Resources Alumni Association, 2010.

Quality of Research Discovery Award, Honorable Mention (Uncertainty, Production, Choice, and Agency: The State-Contingent Approach), American Agricultural Economics Association, 2001, with John Quiggin.

Publication of Enduring Quality Award (Applied Production Analysis: A Dual Approach), American Agricultural Economics Association, 1999.

Dean Gordon Cairns Award for Outstanding Contributions to Maryland Agriculture, College of Agriculture and Natural Resources, 1999.

Excellence in Teaching Award, College of Agriculture, Alumni Association, 1998.

Quality of Research Discovery Award, Honorable Mention, ("Nonpoint-Source Pollution as a Multi-Task Principal-Agent Problem") American Agricultural Economics Association, 1997, with John Quiggin.

Faculty Excellence Award for Research, Colleges of Agriculture and Life Sciences, University of Maryland, College Park, 1993.

Excellence in Research Award, Alumni Association, College of Agriculture, University of Maryland, College Park, 1992.

Quality of Research Discovery Award ("Estimating Multioutput Technologies"), American Agricultural Economics Association, 1990, with Richard E. Just.

Quality of Research Discovery Award ("Agricultural and Financial Market Interdependence in the Short Run"), American Agricultural Economics Association, 1985.

Certificate of Recognition, Annual Honors Convocation, University of Maryland, 1986.

Agricultural and Life Sciences Faculty Excellence Award for Young Faculty for 1983-1984, Division of Agricultural and Life Science, University of Maryland.

Phi Kappa Phi, University of Maryland, 1975.

Charles Atwood Kofoed Eugenics Fellowship, University of California, Berkeley, 1975-76.

Major Research Interests

Decisionmaking under Uncertainty, Production, Public Economics, Microeconomic Theory

Professional Memberships

American Agricultural Economics Association
Econometric Society
Productivity Analysis Research Network
Australian Agricultural and Resource Economics Society

Professional Experience

1979 - Assistant Professor, Associate Professor (1983), and Professor (1985) of Agricultural and Resource Economics, Department of Agricultural and Resource Economics, University of Maryland, College Park, Maryland.

2006 - Honorary Professor, University of Queensland, Australia.

2004,2006-11 Professeur Invité, Université de Perpignan, Perpignan, France.

2000-2006, 2009- Adjunct Professor of Agricultural and Resource Economics, School of Agricultural Economics, University of Western Australia, Crawley, Western Australia.

Summer 2002	Instructor for Course on Uncertainty in Production and Contract Theory, Università Cattolica
Summer 2001	Instructor for Course on Uncertainty in Production, Royal Danish Agricultural and Veterinary University (KVL).
1995-2000	Chair, Department of Agricultural and Resource Economics, University of Maryland, College Park, Maryland.
Summer 1994	Instructor for course on Productivity Measurement, Finnish Postgraduate Program in Economics, University of Helsinki, Finland
Summer 1990	Instructor for course on Applied Production Economics sponsored by the Nordic Council, Tune Ländboskole, Tune, Denmark.
1985 - 1986	Senior Staff Economist, Council of Economic Advisers, Executive Office of the President, Washington, D.C.
Winter 1983	Visiting Associate Professor, Department of Agricultural and Resource Economics, Oregon State University, Corvallis, Oregon.
1978-1979	Assistant Professor, The Ohio State University.

Editorial and Reviewing Activity

Associate Editor, *Journal of Productivity Analysis*, 2009-

Associate Editor, *American Journal of Agricultural Economics*, 1983-1985.

Reviewer for: *American Economic Review*, *American Journal of Agricultural Economics*, *Australian Journal of Agricultural and Resource Economics*, *Canadian Journal of Economics*, *Contemporary Policy Issues*, *Economic Inquiry*, *International Economic Review*, *Journal of Agribusiness*, *Journal of Agricultural Economics Research*, *Journal of Economics and Behavioral Organization*, *Journal of Economics and Business*, *Journal of Productivity Analysis*, *Journal of Public Economics*, *Social Science Quarterly*, *Southern Economic Journal*, *Zeitschrift für Nationalökonomie*, *Journal of Applied Econometrics*, *Journal of Environmental Economics and Management*, *Journal of Economic Dynamics and Control*, *Journal of Development Economics*, *Management Science*, *Journal of Econometrics*, *Economic Theory*, *European Journal of Operational Research*, *Environmental Management*, *International Journal of Economic Theory*, *B.E. Journals in Economic Analysis and Policy*, *Managerial and Decision Economics*, *World Bank Economic Review*, *Journal of Optimization Theory and Applications*, *Socio-Economic Planning Sciences*, *Annals of Operations Research*, *Mathematical Social Sciences*, *Journal of Risk and Uncertainty*, *Decisions in Economics and Finance*, *The Manchester School*, *The Economic Journal*, *Operations Research*

Books Authored

1. Applied Production Analysis: A Dual Approach, Robert G. Chambers, Cambridge University Press, 1988 (reprinted 1989, 1991, 1994, and 1997). **Publication of Enduring Quality Award, American Agricultural Economics Association, 1999.**
2. Uncertainty, Production, Choice and Agency: The State-Contingent Approach, Robert G. Chambers and John Quiggin, Cambridge University Press: New York, 2000. **Quality of Research Discovery Award (Honorable Mention), American Agricultural Economics Association, 2001.**

Books Edited

1. Macro-economics, Agriculture, and the Exchange Rate, Robert G. Chambers and Philip L. Paarlberg (eds.), Westview Press, 1988.

Chapters in Books

1. "The Gains from International Trade," Robert G. Chambers, John M. Letiche and Andrew Schmitz, *International Trade and Agriculture: Theory and Policy*, ed. Jimmye Hillman and Andrew Schmitz, Boulder: Westview Press, (1979):61-90.
2. "The Development of Gains from Trade Theory: Classical to Modern Literature," John M. Letiche, Robert G. Chambers and Andrew Schmitz, *Economic Perspectives*, ed. Maurice Ballabon, 1 (1979):119-149.
3. "The Future of Policy Research," Robert G. Chambers, *Proceedings from Perspectives on Food and Agricultural Policy Research Workshop*, ed. W. J. Armbruster, Farm Foundation, Oak Brook, Illinois, May 1982.
4. "The Development of Gains from Trade Theory: Classical to Modern Literature," J. M. Letiche, Robert G. Chambers and Andrew Schmitz, in *International Economic Policies and Their Theoretical Foundation*, New York: Academic Press, 1982 (reprint), 1992 (second reprint).
5. "New Developments in Theory and Empirical Applications of Agricultural Commodity Market Analysis: Qualitative Econometrics and Agriculture," Robert G. Chambers and Richard E. Just, *New Directions in Econometric Modelling and Forecasting for U.S. Agriculture*, ed. Gordon C. Rausser, North-Holland, Elsevier (1982).
6. "International Markets in Disequilibrium: A Case Study of Beef," Robert G. Chambers, L. Joe Moffitt, Richard E. Just and Andrew Schmitz, *New Directions in Econometric Modelling and Forecasting for U.S. Agriculture*, ed. G. C. Rausser, North-Holland Elsevier (1982).
7. "Conceptual Issues in the Measurement and Size and Scale Economies," Robert G. Chambers, *Economies of Size Studies*, ed. M. Boehlje, Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa, 1984:53-103.
8. "Macroeconomics and U. S. Agricultural Policy: Commentary," in *United States Agricultural Policy: The 1985 Farm Legislation*, ed. Bruce L. Gardner, American Enterprise Institute, 1985.
9. "Trade and Macroeconomic Dimension of U.S. Farm Policy: Discussion," Robert G. Chambers, *Alternative Agricultural and Food Policies and the 1985 Farm Bill*, ed. Gordon Rausser and Kenneth Farrell, Giannini Foundation of Agricultural Economics, Berkeley, California, 1986.
10. "Effects of Natural Resource Policies on Trade," Robert G. Chambers and Katharine Reichelderfer, *Agricultural Trade and Natural Resources: Discovering the Critical Linkage*, ed. John D. Sutton, Lynne Rienner Publishers, Inc., 1988.
11. "An Overview of Exchange Rates, Macroeconomics, and Agriculture," *Macroeconomics, Agriculture, and the Exchange Rate*, ed. P. Paarlberg and R.G. Chambers, Westview Press, 1988.
12. "Management and Efficiency of Rural Businesses," Arne Hallam and Robert G. Chambers in *Rural Information Systems: New Directions in Data Collection and Retrieval*, ed. R.C. Buse and J.L. Driscoll, Ames: Iowa State University Press, 1992.
13. "Share Leasing and Externalities," Robert G. Chambers, Hyunok Lee, and John Quiggin in *Land*

Ownership and Taxation in American Agriculture, ed. G. Wunderlich. San Francisco: Westview Press, 1992.

14. "Input and Output Indicators", Robert G. Chambers in *Index Numbers: Essays in Honor of Sten Malmquist*, ed. Rolf Färe, Shawna Grosskopf, and R.R. Russell, Boston: Kluwer Academic Publishers 1998.
15. "Information, Incentives, and the Design of Agricultural Policy", Robert G. Chambers in *Handbook of Agricultural Economics*, ed. B.L. Gardner and G.C. Rausser, North-Holland/Elsevier, New York, 2002.
16. "The State-contingent Approach to Risk Premiums and Comparative Statics in Generalized Expected-utility Theory", John Quiggin and Robert G. Chambers, in *FUR Proceedings*, ed., M. Machina (forthcoming)
17. "Dual Approaches to Estimating Supply Response Systems under Price and Production Uncertainty", Robert G. Chambers and John Quiggin, in *A Comprehensive Assessment of the Role of Risk in US Agriculture* eds. R.Just and R.Pope, Kluwer, 2001.
18. "The State-contingent Approach to Modeling Environmental Risk Management" John Quiggin and Robert G. Chambers, *Risk Management and the Environment: Agriculture in Perspective*, eds. Bruce A. Babcock, Robert W. Fraser and Joseph N. Lekakis, Kluwer, 2003.

Articles

1. "A Critique of Exchange Rate Treatment in Agricultural Trade Models," Robert G. Chambers and Richard E. Just, *American Journal of Agricultural Economics* 61 (1979):249-257.
2. "A Critique of Exchange Rate Treatment in Agricultural Trade Models: Reply," Robert G. Chambers and Richard E. Just, *American Journal of Agricultural Economics* 62 (1980):255- 259.
3. "Wheat Cartelization and Domestic Markets," Robert G. Chambers and Michael W. Woolverton, *American Journal of Agricultural Economics* 62 (1980):629-638. (**lead article**)
4. "The Monopsonistic Firm in an Uncertain World," Robert G. Chambers, *Atlantic Economic Journal* IX (1981):35-39.
5. "Effects of Exchange Rate Changes on U.S. Agriculture: A Dynamic Analysis," Robert G. Chambers and Richard E. Just, *American Journal of Agricultural Economics* 63 (1981):32-46.
6. "Interrelationships Between Monetary Instruments and Agricultural Commodity Trade," Robert G. Chambers, *American Journal of Agricultural Economics* 63 (1981):934-941.
7. "Estimating the Impact of Beef Import Restrictions on the U.S. Beef Import Market," Robert G. Chambers, Richard E. Just, L. Joe Moffitt and Andrew Schmitz, *Australian Journal of Agricultural Economics* 25 (1981):123-33.
8. "An Investigation of the Effects of Monetary Factors on U.S. Agriculture," Robert G. Chambers and Richard E. Just, *Journal of Monetary Economics* 9 (1982):235-47.
9. "Spectral Analysis of the Theory of Anticipatory Prices," Robert G. Chambers and Michael W. Woolverton, *Journal of Agricultural Economics* XXXIII (1982):71-81.
10. "Duality, the Output Effect and Applied Comparative Statics," Robert G. Chambers, *American Journal of Agricultural Economics* 64 (1982):152-156.

11. "A Note on Excess Demand Curves," Robert G. Chambers, *Atlantic Economic Journal* (1982):40-44.
12. "An Economic Analysis of Technology in the Meat Products Industry," V. Eldon Ball and Robert G. Chambers, *American Journal of Agricultural Economics* 64 (1982):699-709.
13. "The Relevance of Duality Theory to the Practicing Agricultural Economist: Discussion," Robert G. Chambers, *Western Journal of Agricultural Economics* (1982):373-78.
14. "Decomposition and Additivity for Price-Dependent Demand Systems," Robert G. Chambers and Kenneth E. McConnell, *American Journal of Agricultural Economics* 65 (1983):596-602.
15. "Participation in the Farmer Owned Reserved Program: A Discrete Choice Model," Robert G. Chambers and William E. Foster, *American Journal of Agricultural Economics* 65 (1983):120-124.
16. "International Trade, Gross Substitutability, and the Domestic Farm-Retail Price Margin," Robert G. Chambers, *European Review of Agricultural Economics* 10-1 (1983):33-54.
17. "Impact of Fiscal-Monetary Policy on Farm Structure: A Discussion," *Southern Journal of Agricultural Economics* 15 (183):69-71.
18. "Scale and Productivity Measurement Under Risk," Robert G. Chambers, *American Economic Review* 73 (1983):802-805.
19. "Testing Asset Fixity for U.S. Agriculture," Robert G. Chambers and Utpal Vasavada, *American Journal of Agricultural Economics* 65 (1983):761-769.
20. "Risk in Agricultural Production: Discussion," Robert G. Chambers, *American Journal of Agricultural Economics* 65 (1983):1114-1115.
21. "Agricultural and Financial Market Interdependence in the Short Run," Robert G. Chambers, *American Journal of Agricultural Economics* 66 (1984):12-24. **Quality of Research Discovery Award, American Agricultural Economics Association, 1985.**
22. "Estimating the Impact of Beef Import Restrictions on the U.S. Import Market: Reply," Robert G. Chambers, Richard E. Just, L. Joe Moffitt and Andrew Schmitz, *Australian Journal of Agricultural Economics* (1984).
23. "A Note on Separability of the Indirect Production Function and Measures of Substitution," Robert G. Chambers, *Southern Economic Journal* (April 1984).
24. "Credit Constraints, Interest Rates, and Agricultural Prices," Robert G. Chambers, *American Journal of Agricultural Economics* 67 (1985).
25. "A General, Dynamic, Supply-Response Model," Robert G. Chambers and Ramon Lopez, *Journal of Northeast Agricultural Economics Council* (1985).
26. "Estimation Methods for Markets Subject to Minimum Price Regulation: The Case of California Milk," Robert G. Chambers, L. Joe Moffitt and Richard E. Just, *Applied Economics* 17(6) (1985):991-1002.
27. "Testing Asset Fixity for U.S. Agriculture: Reply," Robert G. Chambers and Utpal Vasavada, *American Journal of Agricultural Economics* 67 (1985).

28. "Least Cost Subsidization Alternatives," Robert G. Chambers, *American Journal of Agricultural Economics* 67 (1985):251-256.
29. "Welfare and Trade Effects of Deficiency Payments," Andrew Schmitz and Robert G. Chambers, *Journal of Agricultural Economics* XXXVII (1986):37-43.
30. "Estimating Parameters of a Renewable Resource Model Without Population Data," Robert G. Chambers and Ivar E. Strand, Jr., *Marine Resource Economics* 2(3) (1986):263-274.
31. "Constrained-Output Maximization and U.S. Agriculture," Robert G. Chambers and Hyunok Lee, *Applied Economics* 18 (1986):347-358.
32. "Testing Asset Fixity for U.S. Agriculture: Reply," Robert G. Chambers and Utpal Vasavada, *American Journal of Agricultural Economics* 68 (1986).
33. "Domestic and International Agricultural Policy Interfaces," Robert G. Chambers, *Southern Journal of Agricultural Economics* (1986).
34. "Expenditure Constraints and Profit Maximization in U.S. Agriculture," Hyunok Lee and Robert G. Chambers, *American Journal of Agricultural Economics* 68 (1986):857-865.
35. "Investment in U.S. Agriculture: 1947-1979," Utpal Vasavada and Robert G. Chambers, *American Journal of Agricultural Economics* 68 (1986):950-960.
36. "A Critique of Exchange Rate Treatment in Agricultural Trade Models: Reply," Robert G. Chambers and Richard E. Just, *American Journal of Agricultural Economics* 68 (1986):994-997.
37. "Microeconomic Foundations of Myrdal's Circular Causation Theory," Robert G. Chambers and Ramon E. Lopez, *Proceedings of the International Association of Agricultural Economists* (1986).
38. "Tax Policies and the Financially Constrained Farm Firm," Robert G. Chambers and Ramon E. Lopez, *American Journal of Agricultural Economics* 69 (May 1987):2:371-377.
39. "Expenditure Constraints and Profit Maximization: Reply," Hyunok Lee and Robert G. Chambers, *American Journal of Agricultural Economics* 70 (1988):955-57.
40. "Accumulation and Rental Behavior in the Market for Farmland," Robert G. Chambers and Tim T. Phipps, *Western Journal of Agricultural Economics* 13 (1988).
41. "Developments in Production Economics," Robert G. Chambers, *Economic Record* 65 (1989):243.
42. "Insurability and Moral Hazard in Agricultural Insurance Markets," Robert G. Chambers, *American Journal of Agricultural Economics* 71 (1989):604-616.
43. "Price Aggregation Over Price Taking Firms," Rulon Pope and Robert G. Chambers, *Review of Economic Studies* 56 (1989):297-310.
44. "Estimating Multioutput Technologies," Robert G. Chambers and Richard E. Just, *American Journal of Agricultural Economics* 71 (1989):980-995. **Quality of Research Discovery Award, American Agricultural Economics Association, 1990.**
45. "Workfare or Welfare?" Robert G. Chambers, *Journal of Public Economics* 40 (1989):79-97.
46. "Concentrated Objective Functions for Nonlinear Tax Models," Robert G. Chambers, *Journal of Public Economics* 39 (1989):365-375.

47. "Technical Change and Applications of Dynamic Duality to Agriculture," Utpal Vasavada and Robert G. Chambers, *American Journal of Agricultural Economics* 71(1989):803-4.
48. "Are More Exports Always Better?": Comparing Cash and In-Kind Export Subsidies," Robert G. Chambers and P.L. Paarlberg, *American Journal of Agricultural Economics* 73(1991):142-154.
49. "Testing for Consistent Aggregation," with R.D. Pope, *American Journal of Agricultural Economics* 73 (1991):808-818.
50. "The Two-Index PIGL Demand System," Robert G. Chambers and Rulon D. Pope, *Economic Letters* 38 (1992):411-416.
51. "On the Design of Agricultural Policy Mechanisms," Robert G. Chambers, *American Journal of Agricultural Economics* 74 (1992):646-654.
52. "Engel's Law and Linear-in-Moments Aggregation," Robert G. Chambers and Rulon Pope, *American Journal of Agricultural Economics* 74 (1992):682-88.
53. "Revisiting Minimum-Quality Standards," Robert G. Chambers and Michael Weiss, *Economics Letters* 40 (1992):197-201.
54. "Public Investment and Real-Price Supports," Robert G. Chambers and Ramon Lopez, *Journal of Public Economics* 52 (1993):73-82.
55. "Input-Output Separability in Production Models and Its Structural Consequences," Robert G. Chambers and Rolf Färe, *Zeitschrift für Nationalökonomie* 57 (1993):197-202.
56. "Fixed-Price Controls and Ad Valorem Distortions in An Open Economy," Robert G. Chambers and Ramon Lopez, *Economics Letters* 41 (1993):287-92.
57. "Efficiency, Quantity Indexes, and Productivity Indexes" Robert G. Chambers, R. Färe and S. Grosskopf, *Bulletin of Economic and Social Research* 46 (January 1994):1-22.
58. "Marketing Orders as Non Tariff Trade Barriers," Robert G. Chambers and Daniel Pick, *American Journal of Agricultural Economics* 76 (February 1994):47-54.
59. "A Virtually Ideal Production System: Specifying and Estimating the VIPS Model," Robert G. Chambers and Rulon D. Pope, *American Journal of Agricultural Economics* 76 (February 1994):105-113.
60. "The Simple Econometrics of Pesticide Productivity", Robert G. Chambers and Erik Lichtenberg, *American Journal of Agricultural Economics* 76 (August 1994):407-417 .
61. "Hicks' Neutrality and Trade-Biased Growth: A Taxonomy," Robert G. Chambers and Rolf Färe, *Journal of Economic Theory* 64 (December 1994):554-567.
62. "Tariff Reform and the Uniform Tariff", Robert G. Chambers, *Economic Studies Quarterly* 45 (3) (1994).
63. "The Incidence of Agricultural Policies", Robert G. Chambers, *Journal of Public Economics* 57 (1995):317-335.
64. "Aggregable Price-Taking Firms," Robert G. Chambers and Rulon D. Pope, *European Economic Review* 40 (1996):417-428

65. "Nonpoint-Source Pollution Regulation As A Multi-Task Principal-Agent Problem," Robert G. Chambers and John Quiggin, *Journal of Public Economics* 59 (1996):95-116. **Quality of Research Discovery Award (Honorable Mention), American Agricultural Economics Association, 1997.**
66. "Benefit and Distance Functions," Robert G. Chambers, Yangho Chung, and Rolf Färe, *Journal of Economic Theory* 70 (August 1996):407-419.
67. "A Nonparametric Approach to the von Liebig-Paris Technology," Robert G. Chambers and Erik Lichtenberg, *American Journal of Agricultural Economics* 78 (May 1996):373-386.
68. "Productivity Growth in APEC Countries", Robert G. Chambers, Rolf Färe, and Shawna Grosskopf, *Pacific Economic Review* 1 (1996):181-190.
69. "Aggregate Productivity Measures", Robert G. Chambers and Rulon D. Pope, *American Journal of Agricultural Economics* 78(1996):5:1360-1365.
70. "Aggregate Homothetic Separability," Robert G. Chambers, *Economica* 64 (February 1997):173-177.
71. "Separation and Hedging Results with State-Contingent Production," Robert G. Chambers and John Quiggin, *Economica* 64 (May 1997):187-210.
72. "Using Dominance in Forming DEA Models: The Case of Experimental Agricultural Data." Robert G. Chambers, Rolf Färe, Erik Lichtenberg, and E. Jaenicke, *Journal of Econometrics* 85(1998): 189-203.
73. "Translation Homotheticity." Robert G. Chambers and Rolf Färe, *Economic Theory* 11(1998): 629-641.
74. "Profit, Directional Distance Functions, and Nerlovian Efficiency", Robert G. Chambers, Y. Chung and Rolf Färe, *Journal of Optimization Theory and Applications* 98(1998): 351-364.
75. "Cost Functions and Duality for Stochastic Technologies", Robert G. Chambers and John Quiggin, *American Journal of Agricultural Economics* 80(1998): 288-295.
76. "The Structure of Multiplant Technologies", Robert G. Chambers, *American Journal of Agricultural Economics* 80(1998): 839-851.
77. "A State-Contingent Production Approach to Principal-Agent Problems with an Application to Point-Source Pollution Control", John Quiggin and Robert G. Chambers, *Journal of Public Economics* 70(1998): 441-472.
78. "Risk Premiums and Benefit Measures for Generalized Expected Utility Theories", John Quiggin and Robert G. Chambers, *Journal of Risk and Uncertainty*, 17 (1998): 121-138.
79. "Producer Organizations, Bargaining, and Asymmetric Information", Jean-Marc Bourgeon and Robert G. Chambers, *American Journal of Agricultural Economics* 81 (1999): 602-609.
80. "Stop-and-Go Agricultural Policies", Jean-Marc Bourgeon and Robert G. Chambers, *American Journal of Agricultural Economics* 82 (2000):1-13.
81. "Homotheticity and Non-Radial Changes", Robert G. Chambers and Thomas Mitchell, *Journal of Productivity Analysis* 15 (2000) 313-321.

82. "Consumers' Surplus as an Exact and Superlative Welfare Indicator", Robert G. Chambers, *International Economic Review* 42 (2001): 105-120.
83. "Decomposing Input Adjustments under Price and Production Uncertainty", Robert G. Chambers and John Quiggin, *American Journal of Agricultural Economics* 83 (2001):20-34.
84. "The Firm under Uncertainty with General Risk Averse Preferences", Robert G. Chambers and John Quiggin, *Journal of Risk and Uncertainty* 22 (2001): 5-20.
85. "The State-Contingent Properties of Stochastic Production Functions", Robert G. Chambers and John Quiggin, *American Journal of Agricultural Economics* 84 (2002): 513-526.
86. "Optimal Producer Behavior in the Presence of Area-Yield Crop Insurance", Robert G. Chambers and John Quiggin, *American Journal of Agricultural Economics* 84 (2002): 320-334.
87. "Exact Nonradial Input, Output, and Productivity Measurement", Robert G. Chambers, *Economic Theory* 20 (2002): 751-767.
88. "Price Stabilization and the Risk-Averse Firm", Robert G. Chambers and John Quiggin, *American Journal of Agricultural Economics* 85 (2003): 336-347.
89. "Indirect Certainty Equivalents for the Firm Facing Price and Production Uncertainty", Robert G. Chambers and John Quiggin, *Economics Letters* 78 (2003): 309-316
90. "Local Utility Functions and Local Probability Transformations", John Quiggin and Robert G. Chambers, *Journal of Risk and Uncertainty* 27 (2003): 111-120 (lead article).
91. "Optimal Area-Yield Crop Insurance Reconsidered", Jean-Marc Bourgeon and Robert G. Chambers, *American Journal of Agricultural Economics* 85 (2003): 590-604..
92. "Jointly Radial and Translation Homothetic Preferences: Generalized Constant Risk Aversion". Robert G. Chambers, Rolf Fare, and John Quiggin. *Economic Theory* 23 (2004): 689-699.
93. "Invariant Risk Attitudes". John Quiggin and Robert G. Chambers. *Journal of Economic Theory* 117 (2004): 96-118.
94. "Technological and Financial Approaches to Risk Management in Agriculture: An Integrated Approach". Robert G. Chambers and John Quiggin. *Australian Journal of Agricultural and Resource Economics* 48 (2004): 199-224.
95. "Additive Decomposition of Profit Efficiency". Robert G. Chambers and Rolf Färe. *Economics Letters* 84 (2004): 329-334.
96. "Drought Policy: A Graphical Analysis". John Quiggin and Robert G. Chambers. *Australian Journal of Agricultural and Resource Economics* 48 (2004): 225-252.
97. "Incentives and Standards in Agency Contracts". Robert G. Chambers and John Quiggin. *Journal of Public Economic Theory* 7 (2005): 201-208.
98. "Eliciting the Core of a Supermodular Capacity". Robert G. Chambers and Tigran Melkonyan. *Economic Theory* 26(2005): 203-09.
99. "Linear-Risk-Tolerant, Invariant Preferences". Robert G. Chambers and John Quiggin. *Economics Letters* 86 (2005): 303-309.

100. "Output Price Subsidies in a Stochastic World". Robert G. Chambers and John Quiggin. *American Journal of Agricultural Economics* 87 (2005): 501-508.
101. "On Input and Output Translation Homotheticity". Robert G. Chambers. *Journal of Economics (Zeitschrift für Nationalökonomie)* 85 (2005): 197-203.
102. "Supermodularity and Risk Aversion". John Quiggin and Robert G. Chambers. *Mathematical Social Sciences* 52(2006): 1-14.
103. "Capital Market Equilibrium with Moral Hazard and Flexible Technology". John Quiggin and Robert G. Chambers, *Journal of Mathematical Economics* 42 (2006): 358-363.
104. "The State-Contingent Approach to Production under Uncertainty." John Quiggin and Robert G. Chambers, *Australian Journal of Agricultural and Resource Economics* 50 (2006): 153-169.
105. "Parallel Neutrality." Walter Briec, Robert G. Chambers, Rolf Fare, and Nicolas Peypoch, *Journal of Economics (Zeitschrift für Nationalökonomie)* 88 (2006): 285-305.
106. "Dual Approaches to the Analysis of Risk Aversion". Robert G. Chambers and John Quiggin, *Economica* 74 (2007): 189-213 (**lead article**).
107. "Degree of Imprecision: Geometric and Algorithmic Approaches." Robert G. Chambers and Tigran Melkonyan. *International Journal of Approximate Reasoning* 45(2007): 106-122.
108. "Pareto Optimal Trade in an Uncertain World: GMOs and the Precautionary Principle". Robert G. Chambers and Tigran Melkonyan. *American Journal of Agricultural Economics* 89 (2007): 520-532.
109. "Valuing Agricultural Insurance". Robert G. Chambers *American Journal of Agricultural Economics* 89 (2007): 596-606.
110. "Supermodularity and the Comparative Statics of Risk." John Quiggin and Robert G. Chambers. *Theory and Decision* 62 (2007): 97-117.
111. "Information and the Risk-Averse Firm". Robert G. Chambers and John Quiggin. *Journal of Productivity Analysis* 27(2007): 197-208.
112. "Comparative Statics for the Productive Firm under Uncertainty", Robert G. Chambers and John Quiggin. *Journal of Economics* 93(2008): 203-14.
113. "Narrowing the No-Arbitrage Bounds". Robert G. Chambers and John Quiggin. *Journal of Mathematical Economics* 44 (2008): 1-14 (**lead article**).
114. "Implementable Ramsey-Boiteux Pricing in Agricultural and Environmental Policy". Robert G. Chambers and Jean-Marc Bourgeon. *American Journal of Agricultural Economics* 90 (2008): 499-508
115. "Stochastic Productivity Measurement". Robert G. Chambers. *Journal of Productivity Analysis* 30 (2008): 107-120.
116. "Eliciting Beliefs". Robert G. Chambers and Tigran Melkonyan. *Theory and Decision* 65 (2008): 271-84 (**lead article**).

117. "A 'Calculus' for DEA Models". Robert G. Chambers and Rolf Färe. *Journal of Productivity Analysis* 30 (2008): 169-175 (**lead article**).
118. "Bargaining Power and Efficiency in Insurance Contracts". John Quiggin and Robert G. Chambers *Geneva Risk and Insurance Review* 34(2009): 47-73 **SCOR/IDEI Award for best paper published in GRIR.**
119. "Cost Minimization and the Stochastic Discount Factor". Robert G. Chambers and John Quiggin *Annals of Operations Research* 176 (2010): 349-368.
120. "Smoothing Preference Kinks with Information". Robert G. Chambers and Tigran Melkonyan, *Mathematical Social Sciences* 58(2009): 173-189.
121. "Separability of Stochastic Production Decisions from Producer Risk Preferences in the Presence of Financial Markets", Robert G. Chambers and John Quiggin. *Journal of Mathematical Economics* 45 (2009): 730-737.
122. "Buy Low, Sell High: Price Gaps and Neoclassical Theory". Robert G. Chambers and Tigran Melkonyan. *Journal of Mathematical Economics* 45 (2009): 720-29.
123. "Efficiency Analysis in the Presence of Uncertainty". Christopher O'Donnell, Robert G. Chambers, and John Quiggin *Journal of Productivity Analysis* 33 (2010): 1-17. (**lead article**) (**Quality of Research Discovery Award, European Association of Agricultural Economists, 2011**).
124. "Regulatory Policy in an Uncertain World." Robert G. Chambers and Tigran Melkonyan *Journal of Public Economic Theory* 12(2010): 1081-1107..
125. "Production Economics and Farm Management: A Century of Contributions." Jean-Paul Chavas, Robert G. Chambers, and Rulon D. Pope *American Journal of Agricultural Economics* 92 (2010): 356-75.
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