Tel: 905.688.5550 ext .3129 Fax: 905.688.6388 Email: diane.dupont@brocku.ca http://www.brocku.ca/economics/dupont

## **Diane P. Dupont**

| Educa               | tion   |
|---------------------|--|
| 1988                | Ph.D. (Economics), The University of British Columbia. Fields:<br>Environmental and Natural Resources and Public Finance |
| 1979                | MA (Economics), The University of Toronto  |
| 1978                | Honours BA (Economics and German), Carleton University   |
| Awards              |  |
| 2012                | Recipient of Brock's Distinguished Research and Creative Activity Award  |
| 2006                | Chancellor's Chair for Research Excellence, Brock University (3 year award)  |
| Academic Experience |  |
| 2002-               | Professor, Economics, Brock University   |
| 2002-2003           | Visiting Scholar, Centre for Social and Economic Research on the Global Environment, University of East Anglia, UK       |
| 1996                | Visiting Scholar, School of Behavioral Science, University Colorado at Boulder   |
| 1993-2002           | Associate Professor (with Tenure), Economics, Brock University   |
| 1990-1993           | Assistant Professor (Tenure-Track), Economics, Brock University  |
| 1988-1990           | Assistant Professor (Tenure-Track), Agricultural Economics and Business, University of Guelph                            |
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## **University Administrative Experience**

- **2013-** Associate Dean, Graduate Studies and Research, Faculty of Social Sciences, Brock University
- **2011-2013** Research Co-ordinator and Member of Executive, Brock Environmental Sustainability Research Centre
- 2006-2009 Member, University Promotion and Tenure Committee, Brock University

- **2003-2008** Member, Brock University Pension Committee. During 2007-2008 I was one of the members chosen to undertake a pension manager search. We visited prospective managers in the United States and the United Kingdom.
- 2003-2005 Chair, Recruitment Committee, Department of Economics, Brock University
- 2001-2002 Vice-President, Brock University Faculty Association
- 1999-2002 Member and Chair (2001-2002), Brock University Pension Committee.
- **1998-2001** Member, Brock University Senate. In 1999-2000 I was the Chair of the inaugural Ad Hoc Senate Budget Committee.
- **1996-1999** Director, Environmental Economics Program, Department of Economics, Brock University

# Scholarly and Professional Activities 1. Board/Professional Association Positions

- 2013- Advisory Board, Brock Environmental Sustainability Research Centre
- **2011-2014** North American Association of Fisheries Economists, Member of the Board of Directors and, as of 2013, the Treasurer.
- **2010-2012** Canadian Water Network, Elected researcher representative to Board of Directors
- **2003-2007** North American Association of Fisheries Economists, Member of the Board of Directors
- 1997-2000 Canadian Economics Association, Member of the Executive Council

#### 2. Associate Editor Positions

- 2011-2015 Associate Editor, Water Resources Research
- **2012-2015** Associate Editor, Water Resources and Economics
- 2011-2014 Associate Editor, Canadian Water Resources Journal
- **2010-2013** Associate Editor, Society and Natural Resources
- **2007-2010** Associate Editor, Australian Journal of Agricultural and Resource Economics

#### 3. Other Scholarly/Professional Activities

- 2013- Member, SSHRC IDG Adjudication Panel for Economics and Business
- 2013- I co-organized (with colleague, S. Renzetti) the 23<sup>rd</sup> annual Canadian Resource and Environmental Economics group meetings. This was our second time organizing this meeting at Brock. The first was in 2001.
- 2012- Research Management Committee, Water Economics, Policy and Governance Network
- 2011- Invited to become a Research Associate of the Centre for Water Economics, Environment and Policy at the Crawford School at the Australian National University, Canberra, Australia.
- I am a founding member with five Brock colleagues (T. Heinmiller, R. Mitchell, S. Renzetti, R. Plummer, and B. May) of the Brock Environmental Sustainability Research Unit (BESRU). This was launched in January 2011 to pursue innovative and interdisciplinary research concerning the environment, natural resources, sustainability and social-ecological resilience. In late 2011 it became the Brock Environmental Sustainability Research Centre and in 2012 was one of five successful applicants to Brock University's competition for funding to support transdisciplinary research. I was the Research coordinator and a member of the Executive until I took up the Associate Dean position. I am now on the Advisory Board for the Centre.
- **2010-2012** Member and Chair (2012) Doug Purvis Prize Committee (Prize for most significant contribution to Canadian economic policy)
- **2007-2009** Member and Chair (2008-2009) of the Scientific Advisory Committee for the Worldfish Centre, Penang, Malaysia
- 2006 Internal Referee for Review of the Department of Recreation and Leisure Studies, Brock University
- External Referee (and Chair) for the Unit Review of the Department of Economics, University of Regina
- 2001-2005 Member of Youth Lifestyle Choices Community University Research Alliance (YLC-CURA) at Brock University. This was funded by SSHRC and HRDC. I participated in the drafting of the youth resilience questionnaire used in schools and sat on a number of sub-committees (proposal review, monograph, survey, grant Writing, database management).
- 1997-1999 Member, SSHCR Adjudication Panel for Economics

I am a member of a number of professional associations including: Association of Environmental and Resource Economists, American Agricultural Economics Association, International Water Association, International Institute for Fisheries Economics and Trade, Canadian Economics Association, European Association of Environmental and Resource Economists.

I have reviewed for many journals/programs including: Journal of Environmental Economics and Management, American Journal of Agricultural Economics, Environmental and Resource Economics, Land Economics, Journal of Productivity Analysis, Journal of Agricultural Economics, Journal of Environmental Management, Journal of Water and Health, Water Resources Research, Journal of Forestry Economics, Canadian Public Policy, Environment and Development Economics, Social Sciences and Humanities Research Council, National Institutes for Water Resources, United States National Science Foundation Scholar's Program; Canada West Foundation's Water Pricing Expert Panel.

### **External Research Funding**

- 2013-2016 Alberta Innovates Energy and Environment Solutions (AI-EES) Water Sustainability Program "Towards Integrated Source Water Management in Alberta" PI- Uldis Silins (University of Alberta). I am one of 11 co-applicants and one of three members of the Economic Valuation team. The total amount of the grant is \$1.395 million. The Economics team budget is \$400,000.
- 2013-2016 SSHRC Partnership Development Grant "The Right to Clean Water in First Nations: The Most Precious Gift" PI- Karen Busby (University of Manitoba). I am one of 14 co-applicants and a member of the Economics Cluster. The total grant value is \$200,000.
- 2013-2015 Canadian Water Network Evolving Opportunity for Knowledge Applications competition. I am the Principal Applicant on "Valuing Water Quality Changes Within a Water Quality Ladder Framework" (The research team includes: Steven Renzetti (Brock University), Asit Mazumder (University of Victoria), two Post-doctoral Fellows (John Zhu and James Price), and partners from Environment Canada. The total value of the grant is \$147,000.
- 2012-2015 Canadian Water Network Secure Source Waters Consortium. Principal Applicant is Uldis Silins, University of Alberta. I am a co-applicant with Monica Emelko (University of Waterloo) and Mike Flannigan (University of Alberta) on the grant entitled "Management of Wildfire Risk to Municipal Water Works Systems in Alberta". Total grant is \$600,000 and my share is \$71,176.
- 2012-2015 Europe and Global Challenges Initiative of the Stiftelsen Riksbankens Jubileumsfond, Compagnia di San Paolo and VolkwagenStiftung. I am a coapplicant with Ryan Plummer and Steven Renzetti on "Climate Change"

- Adaptation and Water Governance: Reconciling food security, renewable energy and the provision of multiple ecosystem services (CADWAGO)". We are one of several teams on the research grant that received 1 million euros. Our share is around \$185,000 euros.
- **2012-2018** SSHRC Partnership Grant. Principal Investigator is S. Renzetti. I am a coapplicant. "The Water Economics, Policy and Governance Network". Value of grant is \$2.3 million.
- 2011-2013 CIHR Operating Grant: Population Health Intervention Research for "Water Regulations: Impact on First Nations Health Equity and Promotion" led by Dr. C. Waldner and by Dr. L. Barahdwaj, University of Saskatchewan. I am a co-applicant. The team received \$147,900 over the two years of the grant.
- 2009-2011 Saskatchewan Health Research Foundation Health Research Group Development Grant "Safe Water for Health Research Team" led by Dr. L. Barahdwaj and Dr. C. Waldner, University of Saskatchewan. I am a member of the team that received \$30,000 over the two years of the grant.
- **2008-2012** National Centres of Excellence the Canadian Water Network. Principal investigator. Total value of grant is \$402,000 over four years. I am the PI and my share is \$113,200.
- **2007-2009** National Centres of Excellence the Canadian Water Network. Principal investigator. Over the two years this project will receive \$122,800. My share of this is \$76,200.
- **2005-2007** National Centres of Excellence the Canadian Water Network. Principal investigator. My share of the overall budget for the project is \$67,000 over the two years.
- **2002-2003** Health Canada Chief Scientist Fund. I was a co-principal investigator (with V. Adamowicz, A. Krupnick, and A. Macdonald). Total amount of grant is \$56,000.
- **2001-2005** National Centres of Excellence the Canadian Water Network. Co-principal investigator (along with Pierre Payment, INRS-Institut Armand-Frappier, Laval). The budget for our project is about \$216,000 for four years. My share was \$180,000.
- **2001-2002** Donner Foundation Grant (with Steven Renzetti) in amount of \$28,600 for 18 months. Water pricing analysis.
- **1996-1999** SSHRC Strategic Grant in order to examine the role of uncertainty in the global competitiveness of fisheries. (With other researchers across Canada.) Total value of grant is \$58,800.

- **1993-1996** Green Plan's Tri-council Eco-Research Program (with researchers at McMaster University) to study the restoration of Hamilton Harbour. Total value of the grant was \$2.1 million. My share was \$50,000.
- 1993-1995 Environment Canada's Green Plan Competition Grant under the program entitled "Economic Instruments for Environmental Protection" (with Professor Steven Renzetti). Total value of the grant is \$36,630.
- 1991-1994 SSHRC (Individual) Research Grant in the amount of \$24,100.
- **1989-1991** SSHRC (Individual) Research Grant in the amount of \$18,645.

I have had numerous internal grants including one to bring in speakers to a special series entitled "Environment and Society in the New Millennium: Moving Canada towards a Sustainable Society". In 1999 we brought in Dr. Stuart Smith, Chair of National Roundtable on the Economy and the Environment and Dr. Patricia Roberts-Pichette, Executive Secretary, UN Man and Biosphere Program.

#### **Journal Publications**

- 1. **Dupont, D. P.** (in press) "Rights-Based Management in Canada: Lessons from Two Coasts and A Centre" **Marine Policy**.
- Zhang, J., Adamowicz, W., **Dupont, D.P.** and Krupnick, A. **2013** "Assessing the Extent of Altruism in the Valuation of Community Drinking Water Quality Improvements" **Water Resources Research**. DOI: 10.1002/wrcr.20447
- 3. Bruneau, J., **Dupont, D.P.** and Renzetti, S. **2013** "Economic Instruments, Innovation and Efficient Water Use" **Canadian Public Policy**. 39(S2): 11-22.
- 4. **Dupont, D. P. 2013** "Water Use Restrictions Or Wastewater Recycling? A Canadian Willingness To Pay Study For Reclaimed Wastewater" **Water Resources & Economics.** 1(1): 61-74.
- 5. Baird, J., Carter, B., Cave, K., **Dupont, D.,** General, P., Lynt, C., Plummer R., and Varewyck, A. **2013** "Gaining Insights About Water: The Value of Surveys in First Nations Communities to Inform Water Governance" **Indigenous Policy Journal**. 23(4): 83-100.
- 6. **Dupont, D.P.** and Jahan, N. **2012** "Defensive Spending On Tap Water Substitutes: The Value of Reducing Perceived Health Risks" **Journal of Water and Health.** 10(1): 56-68.

- 7. **Dupont, D.P.** and Bateman, I. J. **2012** "Political Affiliation And Willingness To Pay: An Examination of the Nature of Benefits and Means of Provision" **Ecological Economics**. 75:43-51.
- 8. Day, B., Bateman, I., Carson, R., **Dupont, D.P.**, Louviere, J., Morimoto, S., Scarpa, R., and Wang, P. **2012** "Order Effects and Choice Set Awareness in Repeat-Response Stated Preference Studies". **Journal of Environmental Economics and Management**. 63:73-91.
- 9. Adamowicz, W., **Dupont, D.P.**, Krupnick, A., and Zhang, J. **2011.** "Valuation of Cancer and Microbial Disease Risk Reductions in Municipal Drinking Water: An Analysis of Risk Context Using Multiple Valuation Methods" **Journal of Environmental Economics and Management.** 61(2):213-226.
- 10. **Dupont, D.P. 2010**. "Fisheries Economics: Cutting a Broad Swath in the Field of Scientific Inquiry" Guest Editorial for Special Issue: Fisheries Economics. **Australian Journal of Agricultural and Resource Economics.** 54(3): 259-263.
- 11. **Dupont, D. P. 2010** "Cost-sharing Incentive Programs for Source Water Protection: The Grand River's Rural Water Quality Program" **Canadian Journal of Agricultural Economics**. 58(4):481-496.
- Dupont, D. P., Adamowicz, W.L. and Krupnick, A. 2010 "Differences in Water Consumption Choices in Canada: the Role of Socio-demographics, Experiences, and Perceptions of Health Risks" Journal of Water and Health. 8(4):671-686.
- Bateman, I.J., Day, B.H., **Dupont, D. P.** and Georgiou, S. **2009** "Procedural invariance testing of the one-and-one-half-bound dichotomous choice elicitation method" **The Review of Economics and Statistics**. 91(4):806-820.
- 14. Renzetti, S. and **Dupont, D.P. 2009** "Measuring the Technical Efficiency of Municipal Water Suppliers: the Role of Environmental Factors" **Land Economics.** 85(4): 627-636.
- 15. **Dupont, D. P.** and S. Renzetti **2008** "Good to the Last Drop? An Assessment of Canadian Water Value Estimates" **Canadian Water Resources Journal.** 33(4):363-374.
- 16. Willoughby, T., Chalmers, H., Busseri, M.A., Bosacki, S., **Dupont, D.**, Marini, Z., Rose-Krasnor, L., Sadava, S., Ward, A., & Woloshyn, V. **2007**Adolescent non-involvement in multiple risk behaviors: An indicator of successful development? **Applied Developmental Science**, 11(2), 89-103.

- 17. Grafton, R.Q., Arnason, R., Bjørndal, T., Campbell, D., Campbell, H., Clark, C., Connor, C., **Dupont, D**., Hannesson, R., Hilborn R., Kirkley, J., Kompas, T., Lane, D., Munro, G., Pascoe, S., Squires, D., Steinshamn, S., Turris, B. and Weninger, Q. **2006.** "Incentive-Based Approaches to Sustainable Fisheries" in **Canadian Journal of Fisheries and Aquatic Sciences**. 63: 699–710.
- 18. **Dupont, D. P.**, Fox, K., Gordon, D., and Grafton, R.Q. **2005** "Profit and Price Effects of Multi-species Individual Transferable Quotas" in **Journal of Agricultural Economics**. 56(1):31-57.
- 19. **Dupont, D. P. 2005** "Tapping into Consumers' Perceptions of Drinking Water Quality in Canada: Information to Assist Utilities to Better Manage Their Operations" in **Canadian Water Resources Journal**. 30(1):11-20.
- 20. Adamowicz, W., **Dupont, D. P.**, and Krupnick, A. **2004** "The Value Of Good Quality Drinking Water To Canadians And The Role Of Risk Perceptions: A Preliminary Analysis" in **Journal of Toxicology and Environmental Health. Part A: Current Issues**. 67(20-22): 1825-1844.
- 21. Renzetti, S. and **Dupont, D.P. 2004** "The Performance Of Municipal Water Utilities: Evidence On The Role Of Ownership" in **Journal of Toxicology and Environmental Health. Part A: Current Issues.** 67(20-22): 1861-1878.
- 22. **Dupont, D. P. 2004** "Do children matter? An examination of gender differences in environmental valuation" in **Ecological Economics** 49(3): 273-286.
- 23. **Dupont, D. P. 2003** "CVM Embedding Effects When There Are Active, Potentially Active and Passive Users of Environmental Goods" **Environmental & Resource Economics.** 25(3): 319-341.
- 24. Renzetti, S. and **Dupont, D. P. 2003** "Ownership and Performance of Water Utilities" **Greener Management International** Summer 2003:9-19.
- Dupont, D.P.; Grafton, R.Q.; Kirkley, J. and Squires, D. 2002 "Capacity Utilization Measures and Excess Capacity in Multi-Product Privatized Fisheries" Resource and Energy Economics. 24(3): 193-210.
- 26. **Dupont, D.P.** and Renzetti, S. **2001** "The Role Of Water In Manufacturing" **Environmental & Resource Economics**. 18(4): 411-432.

- 27. **Dupont, D.P.** and Grafton, R.Q. **2000** "Multi-Species Individual Transferable Quotas: The Scotia-Fundy Mobile Gear Groundfishery" **Marine Resource Economics**. 15(3): 205-220.
- 28. **Dupont, D.P. 2000** "Individual Transferable Vessel Quotas and Efficient Restructuring of the Primary Harvesting Sector" **Annals of Operations Research**. 94:275-294.
- 29. Renzetti, S. and **Dupont, D.P. 1999** "An Assessment of the Impact of Charging for Provincial Water Use Permits" **Canadian Public Policy**. 25(3): 361-378. (Reprinted in **The Economics of Industrial Water Use** edited by Steven Renzetti. Chapter 24: 491-508. Edward Elgar Publishing Inc., Cheltenham, UK.)
- 30. **Dupont, D.P.** and Renzetti, S. **1998** "Water Use in the Canadian Food Processing Industry" in **Canadian Journal of Agricultural Economics** 46:83-92.
- 31. **Dupont, D.P. 1993** "Price Uncertainty, Expectations Formation, and Fishers' Location Choices" **Marine Resource Economics** 8(3): 219-247.
- 32. **Dupont, D.P.** and Phipps, S. **1991** "Distributional Consequences of Fisheries Regulations" **Canadian Journal of Economics** 24(1): 206-220.
- 33. **Dupont, D.P. 1991** "Testing for Input Substitution in a Regulated Fishery" **American Journal of Agricultural Economics** 73(1): 155-164.
- 34. **Dupont, D.P.** and Phipps, S. **1991** "Individual Vessel Quotas and Income Effects" **Canadian Journal of Regional Science** 14(2):157-180.
- 35. **Dupont, D.P. 1990** "Rent Dissipation in Restricted Access Fisheries" **Journal of Environmental Economics and Management** 19(1): 26-44.

#### **Authored Book**

**The Economics of the Environment and Natural Resources** (Basil Blackwell, 2004) 503 pp. co-authored with W. Adamowicz, Q. Grafton, H. Nelson, and S. Renzetti.

## **Chapters in Books**

- 1. **Dupont, D.** and H. Nelson **2010** "Salmon Fisheries of British Columbia" Chapter 34 in the **Handbook of Fisheries Conservation and Management** edited by R. Q. Grafton, R. Hilborn, D. Squires, M. Tait, and M. Williams. Oxford University Press, New York. Pp. 458-470.
- 2. Bateman, I.J., Day, B.H., **Dupont, D.**, Georgiou, S., Matias, N.G.N., Morimoto, S., and Subramanian, L., **2006** "Cost–Benefit Analysis and the

- Prevention of Eutrophication" In Pearce, D.W. (ed) **Environmental Valuation in Developed Countries,** Edward Elgar Publishing, Cheltenham. Chapter 15. pp. 317-339.
- 3. **Dupont, D.** and D.V. Gordon **2006** "Shadow Prices for Fishing Quota: Fishing with Econometrics" in **Frontiers in the Economics of the Fishery: Papers in Honour of Professor Gordon Munro** edited by Bjørndal, T., Gordon, D.V., Arnason, R., and Sumaila, U.R. Blackwell, Oxford. Chapter 6.
- 4. Renzetti, S. and **Dupont, D. 2005** "Water Pricing" in J. H. Lehr and J. Keeley (eds.) **Water Encyclopedia: Water Quality and Resource Development**, John Wiley Publishing. May 2005.
- 5. Renzetti, S. and **Dupont, D. 2005** "Valuing Water Resource" in J. H. Lehr and J. Keeley (eds.) **Water Encyclopedia: Water Quality and Resource Development.** John Wiley Publishing. May 2005.
- 6. **Dupont, D. P.** and S. Renzetti **2005** "Cost-Benefit Analysis of Water Quality Improvement in Hamilton Harbour, Canada" in **Cost Benefit Analysis and Water Resources Management** edited by Roy Brouwer and David Pearce. Edward Elgar Publishing Co. Ch. 9. pp. 195-222.
- 7. Renzetti, S. and **D. Dupont 2003** "Ownership and Performance of Water Utilities" Greener Management International, Summer, issue 42: 9-19. This article was reprinted in J. Chenoweth and J. Bird, **2005** eds. **The Business Of Water Supply And Sustainable Development,** Greenleaf Publishing, Sheffield, UK. Ch. 7. pp. 99-110.
- 8. Renzetti, S. and **Dupont, D. 2002** "The Relationship between the Ownership and Performance of Municipal Water Utilities" in J. Bogardi and S. Castelein eds. Selected Papers of the International Conference **From Conflict to Cooperation in International Water Resources Management: Challenges and Opportunities**, UNESCO-IHE Delft, The Netherlands, 20-22 November, 2002. UNESCO-IHP Technical Documents in Hydrology no. 31, pp. 140-151.
- 9. **Dupont, D.P. 1996** "Limited entry fishing programs: theory and canadian practice." Chapter 7 in **Fisheries and uncertainty: A precautionary approach to resource management**. Editors D.V. Gordon and G.R. Munro (Calgary: University of Calgary Press). pp.125-147.

#### **Selected Other Publications**

1. Renzetti, S., **Dupont, D.P.**, and Wood, C. **2011**. Running Through our Fingers. How Canada Fails to Capture the Full Value of its Top Asset. Written for the **Blue Economy Initiative** sponsored by the Royal Bank of Canada, the Canadian Water Network, and the Water & Duncan Gordon

- Foundation. 31 pp.
- 2. **Dupont, D. P.** and Renzetti, S. **2010**. "The Value of Water: Understanding the Contribution of Water to the Canadian Economy" Final Report written for the **Canadian Water Network and the Walter and Duncan Gordon Foundation**. October, 2010. 49pp.
- 3. **Dupont, D. P. 2010.** "Bottle Matters" in **Water Canada**. November/December 2010. p.36.
- 4. Adamowicz, V., **Dupont, D**., Krupnick, A., and Zhang, J. **2007** "Valuation of Cancer and Microbial Disease Risk Reductions in Municipal Drinking Water: An Analysis of Risk Context Using Multiple Valuation Methods" **Resources for the Future** *Discussion Paper 07-39*. July 2007. 34 pp.
- Adamowicz, V.; **Dupont, D.P**. and Krupnick, A. **2005** "Willingness to Pay to Reduce Community Health Risks from Municipal Drinking Water: A Stated Preference Study" Report written for the **United Stated Environmental Protection Agency**. October 2005. 62 pp.
- 6. Adamowicz, V.; **Dupont, D.P**. and Krupnick, A. **2003** "The Economic Value of Water to the Health of Canadians: Final Report on Development and Testing of Preference Elicitation Instrument" Final Report to **Health Canada**. 220 pp.
- 7. Willoughby, T., Bogaert, T., Bosacki, S., Chalmers, H., **Dupont, D.**, Marini, Z., Reker, D., Rose-Krasnor, L., Sadava, S., & Ward, T. (YLC-CURA). **2001** Report on Youth Lifestyle Choices in the Niagara Region: Findings from the Youth Resilience Questionnaire. Research Report.
- 8. Renzetti, S. and **Dupont, D.P. 1997** "An Economic Assessment of the Impact of a Provincial Water Use Charge: Phase Two" Report prepared for the **Lands and Natural Heritage Branch of the Ontario Ministry of Natural Resources**. May 1997.
- 9. Renzetti, S. and **Dupont, D.P. 1996** "An Economic Assessment of the Impact of Adopting a Provincial Water Use Charge: Phase One" Report prepared for the **Lands and Natural Heritage Branch of the Ontario Ministry of Natural Resources**. December 1996.
- 10. Renzetti, S. and **Dupont, D.P. 1995** "An investigation into the design of economic instruments to promote efficient industrial water use." A report for **Environment Canada's Economic Instruments Initiatives University Research Program**. May 1995.
- 11. Renzetti, Steven and **Dupont, Diane P. 1993** "An Investigation into Sunset

- Chemicals and the Economic Dimension". Report for **Pollution Probe**. October 1993.
- 12. **Dupont, D.P. 1992** "Economic Assessment of the Performance of Alternative Environmental Policy Instruments as They Pertain to Agriculture and Water Quality" *Agriculture and Water Quality. Proceedings of an Interdisciplinary Symposium.* Centre for Soil and Water Conservation. University of Guelph. pp.165-190.
- 13. **Dupont, D.P. 1990** "A Penny for Your Thoughts Economics of Raising Fish". *I.D.E.A.S. 1990 (Innovation-Diversification-Entrepreneurship in the Agricultural Sector).* Ontario Ministry of Agriculture and Food, Toronto. pp. 126-127.
- 14. **Dupont, D.P. 1990** "Economic Valuation and Impact of Fisheries". Manuscript written at the request of the **Great Lakes Fisheries Commission Board of Technical Experts Economic Value Task Area** headed by Lee Anderson and Barry Smith.
- 15. **Dupont, D.P. 1990** "Evaluating the Impact of Water Quality Upon the Value of Recreational Fishing" in *International and Transboundary Water Resources Issues* edited by John E. Fitzgibbon. Proceedings of a Symposium sponsored by the Canadian Water Resources Association / American Water Resources Association Conference. AWRA, Bethesda, Maryland. pp. 565-574.
- van Duren, E; Dickson, E.; **Dupont, D.** and Martin, L. **1989** "The Impact of the Canada-U.S. Free Trade Agreement on the Food Processing Sectors Supplied by Marketing Boards in Ontario". Manuscript written for the **Ontario Industrial Restructuring Commission.**

## **Papers Being Prepared/Under Review**

- 1. "Household behaviour related to water conservation" with S. Renzetti.
- 2. "Endogeneity of Risk Perceptions in Water Expenditure Models" with V. Adamowicz, P. Lloyd-Smith, and C. Schram.
- 3. "Temporal Stability of Water Quality Values across Stated Preference Question Formats" with V. Adamowicz and J. Price.
- 4. "Drinking Water, Health Risk Perceptions and Choices in First Nation and non-First Nation Communities in Canada" with L. Bharadwaj, B. Carter, K. Cave, R. Plummer, and C. Waldner.

#### **Selected Presentations and Invited Seminars**

- Invited panelist at the "Blue Economy Initiative Global Water Challenge" Panel entitled "Options for Action" March 4, 2013, Toronto Board of Trade.
- Invited speaker at "the Critical Conversations Seminar Series" put on by Karen Busby, University of Manitoba. March 4, 2013.
- Invited presentation at the Niagara Sustainability Initiative's "Low Carbon Economy" event, February 19, 2013. St. Catharines Club.
- "Thirsting for knowledge: An economist's approach to water issues". Inaugural invited speaker at "Virtual Events" (on online speaker series to connect students and young professionals from across Canada to discuss water-related projects, concepts and ideas). April 5, 2012.
- "Reclaimed Wastewater, WTP And Endogenous Free-Riding Beliefs". Paper presented at the International Water Resource Economics Consortium meetings, Stockholm Water Week, August 28-29, 2012. Stockholm, Sweden.
- "More Value From the Same Water: Maximizing Water's Sustainable Contribution to the Canadian Economy" Expert workshop at the Canadian Water Resources Association meetings, June 7, 2012. Banff, Alberta.
- 2012 "Household water-saving retrofit and outdoor water decisions: The role of prices and conservation" at the Canadian Water Resources Association meetings, June 5-8, 2012, Banff, Alberta.
- "Climate Change and Water Utilities: The Role of Economics in Encouraging a More Sustainable Use of Water". Presented at the 47th Central Canadian Symposium on Water Quality Research, Burlington, Ontario. Feb 22, 2012.
- "Current Research in Water Economics: Application of Demand Side Management to Support Conservation and Water Efficiency Goals". Invited presentation to the Canadian Water and Wastewater Association and the National Water Efficiency Committee's Water Efficiency Workshop, Ottawa, 18 October, 2011.
- "Reclaimed Wastewater and the WTP to Avoid Summer Water Restrictions: Incorporating Endogenous Free-Riding Beliefs" Invited presentation at the 1st annual workshop/meeting sponsored by the Centre for Water Economics, Environment and Policy at the Crawford School at the Australian National University, Canberra, Australia, March 30, 2011.
- "Managing Water Resources: What Matters to Consumers" presented at the Integrated Water Resource Management meetings sponsored by the Safe Water for Health Research Team, University of Saskatchewan. Saskatoon,

October 25-27, 2010.

- "Left and right differences in valuing goods using stated preference surveys: the role of public versus private provision" presented at the 4th World Congress of Environmental and Resource Economists, Montréal, Jun 28-July 2, 2010.
- "At Odds with Water: Perceived Health Risks & Water in Canada" presented at the 3rd Biennial Conference of the American Society of Health Economists, Ithaca, NY, June 20-23, 2010.
- "Fish Harvesting Rights-Based Management Programs in Canada: Lessons from Two Coasts and a Centre" Invited presentation to Pacific Island Region Fisheries Catch Share Workshop, at University of Hawaii-Manoa, March 9-12, 2010, Honolulu, HI.
- "Municipal Water Supply: Challenges and Opportunities" Invited Talk to St. Catharines Sunrise Rotary Club. January 19, 2010.
- "Drinking Water Valuation: Challenges, Approaches, and Opportunities" Invited address to the National Academy of Science, Institute of Medicine's (IOM) workshop entitled "Global Environmental Health: Research Gaps and Barriers for Providing Sustainable Water, Sanitation, and Hygiene Services", Washington, October 18, 2007.
- "Canadian water valuation and demand modelling: state of the art and future directions". Invited presentation to the Mathematical Modelling of Water Resource Allocation Strategies at the Banff International Research Station, Banff, September 8-9, 2007.
- "Consumer Perceptions of Municipal Drinking Water Quality". Invited presentation to the annual conference of the Ontario Branch of the Canadian Institute of Public Health Inspectors. Niagara Falls, Ontario, September 13, 2006.
- "Measuring Success in ITQ Fisheries" Invited seminar presentation to the CEMARE group, University of Portsmouth, United Kingdom. June 4, 2003.
- "Profits, Prices and Productivity Effects of Multi-species Individual Transferable Quotas" Invited paper presented at a Conference in honour of the 50th Anniversary of the Centre for Fisheries Economics, Norwegian Business School, Bergen, Norway. June 10-11, 2003.
- "An Economic Analysis Of the Benefits Of Stream Rehabilitation" Invited presentation at the Second International Conference on Natural Channel Systems in Niagara Falls, March 1-4, 1999.

1994 "The Role of Economic Incentives in Making Fishing Location Choices". Invited Speaker at the 11th Annual Pacific Coast Resource Modeling Conference, University of California, San Diego, July 11-14, 1994.

In addition, I have presented papers at over 40 academic conferences and participated at meetings held in Canada, the United States, Peru, the Netherlands, England, Sweden, and Norway.

#### **Student Supervisions**

- 1 MSc completed
- MBE completed (10 as Principal Supervisor and 3 as Co-Supervisor)
- 2 PhD (as external examiner)
- Honours BA Thesis (9 as Principal Supervisor and 2 as Co-Supervisor)

## **Teaching**

#### 1. Graduate Courses

Renewable Resources (Guelph 02-661)

Topics in Applied Economics/Research Methods (Brock ECON 5P04)

#### 2. Undergraduate Courses

Introductory Microeconomics (Brock ECON 1P91)

Introductory Macroeconomics (Brock ECON 1P92)

Intermediate Microeconomics (Brock ECON 2P21 and ECON 2P31)

Introduction to Environment/Natural Resource Economics (Brock ECON 2P28)

Introduction to Natural Resource Economics (Guelph 02-270)

Introduction to Econometrics (Brock ECON 2P90)

Decision Analysis (Brock ECON 2P91)

Canadian Public Policy (Brock ECON 2P94)

Research Methods in Economics (Brock ECON 3P10)

Public Sector Economics – Expenditures (Brock ECON 3P14)

Public Sector Economics – Revenues (Brock ECON 3P15)

Environmental Economics (Brock ECON 3P28)

Cost-Benefit Analysis (Brock ECON 3P97)

Advanced Environmental Economics (Brock ECON 4P28)

Co-ordinator for Honours Essay (Brock ECON 4F90)