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BIOGRAPHY

J. Douglas Willms is a Professor and Director of the Canadian Research Institute for Social Policy at the University of New Brunswick (UNB), and holds the Canada Research Chair in Literacy and Human Development. He is a Member of the US National Academy of Education, a Fellow of the Royal Society of Canada and a Fellow of the International Academy of Education.

Dr. Willms has published over two hundred research articles and monographs pertaining to youth literacy, children's health, the accountability of schooling systems, and the assessment of national reforms. He is the editor of *Vulnerable Children: Findings from Canada's National Longitudinal Study of Children and Youth*, (University of Alberta Press, 2002) which received the Canadian Policy Research Award in 2002, and the author of *Student engagement at school: A sense of belonging and participation* (Paris: Organization for Economic Cooperation and Development), and *Monitoring School Performance: A Guide for Educators* (Falmer Press, 1992). Dr. Willms played a lead role in developing the questionnaires for Canada's National Longitudinal Survey of Children and Youth (NLSCY) and the OECD's Programme for International Student Assessment (PISA). Recently, Willms and his colleagues designed the Early Years Evaluation (EYE), an instrument for the direct assessment of children's developmental skills at ages 3 to 6, and *Tell Them From Me*, an evaluation system for the continuous monitoring of school climate and student engagement and wellness. Dr. Willms is known for his training of new investigators in the analysis of complex multilevel data. He regularly conducts workshops on multilevel modeling across Canada and throughout Asia, Europe and South America. He also established the New Investigators Network, an interdisciplinary, collaborative network of Canada's top social science researchers in the field of human development. Dr. Willms's current interests include the examination of family, school and community factors that contribute to the health and well-being of children and adolescents, and the use of continuous monitoring for evaluating school reforms. He lives in Fredericton, New Brunswick with his wife, Ann, and three children, Alison, Maya, and Andrew.

EDUCATION

PhD in Education <i>Stanford University, Stanford, CA</i> Under the supervision of Professor Henry Levin.	1983
Educational Specialist in Program Evaluation <i>Stanford University, Stanford, CA</i> Under the supervision of Professors Lee Cronbach and Denis Philips.	1981
MSc in Statistics <i>Stanford University, Stanford, CA</i> Under the supervision of Professor Ingram Olkin.	1980
MA in Special Education <i>University of British Columbia, Vancouver, B.C.</i> Under the supervision of Professor David Kendall.	1978
Diploma in Education (Mental Retardation) <i>University of British Columbia, Vancouver, B.C.</i> Under the supervision of Robert Poutt.	1975
Bachelor of Engineering (Physics) <i>Royal Roads/Royal Military College, Victoria, B.C. & Kingston, Ontario</i>	1972

AWARDS

Elected Member, U.S. National Academy of Education (NAEd) As an honorific society, the Academy consists of up to two hundred U.S. members and up to twenty-five foreign associates who are elected on the basis of outstanding scholarship or outstanding contributions to education. Founded in 1965, the mission of NAEd is to advance the highest quality education research and its use in policy formulation and practice.	2009
Fellow, International Academy of Education The Academy's main aim is to foster scholarly excellence in all fields of education, provide timely syntheses of research-based evidence of international importance, and critiques of research, its evidentiary basis, and its application to policy.	2006
Fellow, Royal Society of Canada: Academies of Arts, Humanities and Sciences of Canada The oldest association of scientists and scholars in Canada. The RSC is dedicated to encouraging education and the advancement of knowledge in the natural and social sciences and the humanities.	2005
Canadian Association of Family Resource Programs Award Awarded for working to improve effectiveness of social policy in Canada, and for efforts in helping Canadian communities provide better education and care for their children.	2002

<p>Canadian Policy Research Secretariat Award - Outstanding Research Contribution</p> <p>Awarded by the Canadian Policy Research Secretariat for the <i>Vulnerable Children</i> Edited Volume. Highlights the importance of policy research to effective decision-making and acknowledges and encourages innovative research on Canadian public policy issues.</p>	2002
<p>CEA-Whitworth Award for Educational Research</p> <p>Awarded by the Canadian Education Association for contributions to the field of education and impact on applied policy.</p>	2001
<p>Sir Edward Youde Memorial Fund</p> <p>Awarded the Visiting Professorship Scheme for Local Tertiary Institutions.</p>	1999-2000
<p>Canadian Institute for Advanced Research Fellowship</p> <p>Appointed as NB/CIBC Fellow of the CIAR.</p>	1998-2007
<p>Fellow, Canadian Institute of Advanced Research</p> <p>Appointed as Fellow of the Institute.</p>	1995
<p>Member, Canadian Institute of Advanced Research</p> <p>Appointed as member of the Human Development Program.</p>	1993
<p>UBC Alumni Prize</p> <p>This award is presented annually to a young UBC faculty member for excellence in research in the social science.</p>	1991
<p>Killam Research Fellowship</p> <p>This leave fellowship is awarded annually to approximately 10 faculty members at UBC for excellence in their fields of research.</p>	1991
<p>Killam Research Prize</p> <p>This prize is awarded annually to selected faculty members at UBC for excellence in their fields of research.</p>	1988
<p>Honourary Senior Research Fellow</p> <p>University of Edinburgh. Appointments to Senior Research Fellow are made by a university committee, and awarded on the basis of excellence in research.</p>	1988
<p>Spencer Foundation Fellowship</p> <p>The US National Academy of Education annually selects 25 scholars who show promise of early scholarship in education and related disciplines.</p>	1987
<p>SCRE Research Medal</p> <p>This award is presented biennially by the Scottish Council for Research in Education for the most significant contribution to British educational research made by a researcher under 40 years old.</p>	1986
<p>Doctoral Fellowship</p> <p>Social Sciences and Humanities Research Council of Canada.</p>	1979-1982

Scottish Rite Award 1979
Presented by the National Institute on Mental Retardation for research in the field of mental retardation.

Saskatchewan Government Scholarship 1968
Undergraduate scholarship.

TEACHING AND PROFESSIONAL EXPERIENCE

Canada Research Chair in Literacy and Human Development, 2010-present
University of New Brunswick

Canada Research Chair in Human Development, 2002-2009
University of New Brunswick

Director, Canadian Research Institute for Social Policy 1996-present
University of New Brunswick, Fredericton, N.B.

**Director of the Canadian Institute for Advanced Research
New Investigators Network** November 2002-present
CIAR's objective for the New Investigators Network is to develop a long term network of productive scholars in the area of human development, and to help promising researchers increase their productivity and their international profile at the beginning of their careers.

Professor and NB/CIBC Chair in Human Development 1995-2002
Director, Canadian Research Institute for Social Policy
Faculty of Education, University of New Brunswick, Fredericton, N.B.

- The Research Chair in Human Development was funded by the Canadian Institute for Advanced Research with support from the Government of New Brunswick and the Canadian Imperial Bank of Commerce.

Professor 1993-1995

Associate Professor 1988-1993

Assistant Professor 1983-1988

Faculty of Education, University of British Columbia

- Taught graduate courses on educational policy, statistics, research methods, and educational measurement.
- Supervised student teachers and taught undergraduate courses in special education.

Assistant Professor 1978-1979

Faculty of Education, University of Lethbridge, Lethbridge, Alberta

- Supervised regular and special education student teachers.
- Taught courses on educational psychology, mental retardation, and behavioural disorders.

Consultant and Teacher 1975-1977

Maple Ridge School District, Haney, British Columbia

- Trained elementary school teachers in the development of special education programs.
- Taught special education classes at the elementary and secondary levels.

Engineering Officer (Lieutenant) 1972-1974

Canadian Armed Forces

- Planned construction work programs for a large Canadian Armed Forces base
- Analyzed construction budget and set priorities for base development.
- Supervised 150 personnel in the implementation of engineering projects.

CURRENT SERVICE

Technical Advisory Group (TAG) on People with Disabilities (HRSDC) July 2010 to present

Premier's Roundtable on Self-Sufficiency February 2009 to present
Member

Literacy Coalition of New Brunswick February 2009 to present
Member of the Board of Directors

National Longitudinal Survey of Children and Youth (NLSCY) Steering Committee and Working Group February 2007 to present

Technology and High School Success Research Advisory Committee October 2008 to present

Statistics Canada September 2005 to present
National Statistics Council member

PREVNet (Promoting Relationships and Eliminating Violence) February 2007 to present
Honourary Board Member

Active Healthy Kids Canada February 2004 to present
Report card working group member

The National Assessment of Educational Progress April 2006 to present
Socioeconomic Status (SES) Standing Committee

Human Resources and Skills Development Canada June 2005 to present
External Research Advisory Committee (ERAC) member.

Human Resources and Skills Development Canada 1995 to 2006
Applied Research Branch – Advisory Panel of Experts on Youth and Learning

Comparative Education Review August 2003 to present
Advisory Board member for the journal

Hong Kong Institute of Educational Research
Member of the Advisory Board

September 2002
to present

Canadian Institutes for Health Research (CIHR)
Member of the operating grants committee

September 2008

PUBLICATIONS

Books, Edited Volumes, and Major Reports

- Willms, J. D. (2006). *Learning Divides: Ten Policy Questions about the Performance and Equity of Schools and Schooling Systems*. Report prepared for UNESCO Institute for Statistics.
- Willms, J.D. (2003). *Student engagement at school: A sense of belonging and participation*. Paris: Organization for Economic Cooperation and Development.
- Willms, J.D. (Ed.). (2002). *Vulnerable children: Findings from Canada's National Longitudinal Survey of Children and Youth*. Edmonton, AB: University of Alberta Press.
- Willms, J.D. (1992). *Monitoring school performance: A guide for educators*. Lewes: Falmer Press.
- Raudenbush, S.W. & Willms, J.D. (Eds.). (1991). *Schools, classrooms and pupils: International studies of schooling from the multilevel perspective*. New York: Academic Press.

Articles submitted for Publication

Articles in Refereed Journals

- Chiocchio, F., Grenier, S., O'Neill, T.A, Savaria, K., & Willms, J.D. (2010). The effects of collaboration on performance: A multilevel validation in project teams. *International Journal of Project Organisation and Management*
- Willms, J. D. (2010). School Composition and Contextual Effects on Student Outcomes. *Teachers College Record, 112*(4), 1008-1037.
- Nonoyama-Tarumi, Y. & Willms, J. D. (2010). The relative and absolute risks of disadvantaged family background and low levels of school resources on student literacy. *Economics of Education Review, 29*(2), 214-224.
- Tramonte, L. & Willms, J. D. (2010). Cultural capital and its effects on education outcomes. *Economics of Education Review, 29*(2), 200-213.
- Willms, J.D. (2009). Pre-schoolers benefit from new skills assessments. *Education Canada, 49*(5), 36-39.
- Beswick, J.F., & Sloat, E.A., & Willms, J.D. (2009) Cuatro mitos de la educación que bloquean la justicia social. *Quehacer Educativo, 97*, 12-22.
- Caro, D., McDonald, J. T., & Willms, J. D. (2009). Socio-economic status and academic achievement trajectories from childhood to adolescence. *Canadian Journal of Education, 32*(3), 558-590.
- Ma, R., Jorgensen, B., & Willms, J.D. (2009). Clustered binary data with random cluster sizes: a dual poisson modelling approach. *Statistical Modelling, 9*(2), 137-150.
- Willms, J.D. (2008). Student Engagement and Mental Health: Recent Canadian Findings. *M.A.S.S. Journal, 9*(2), 18-20.
- Willms, J.D. (2008). Raising and Levelling the "Learning Bar" in Germany. *Die Deutsche Schule, 100* (4), 399-411.

- Willms, J.D. (2008). The case for universal French instruction. *Policy Options*, 29 (7), 91-96.
- Beswick, J.F., Sloat, E.A., & Willms, J.D. (2008). Four educational myths that stymie social justice. *The Educational Forum*, 72(2), 115-128.
- Dupéré, V., Lacourse, E., Willms, J. D., Leventhal, T., & Tremblay, R. E. (2008). Neighborhood poverty and early transition to sexual activity in young adolescents: A developmental ecological approach. *Child Development* 79(5), 1463-1476.
- Dupéré, V., Lacourse, E., Willms, J. D., Vitaro, F., & Tremblay, R. E. (2007). Affiliation to youth gangs during adolescence: The interaction between childhood psychopathic tendencies and neighborhood disadvantage. *Journal of Abnormal Child Psychology*, 35, 1035-1045.
- Sloat, E. A., Audas, R. P., & Willms, J. D. (2007). Evaluating programs for at-risk adolescents: Toward an outcome-based assessment framework. *Journal of Education for Students Placed at Risk*, 12(4), 459-476. Electronic version available at: http://www.informaworld.com/smpj/content~db=all~content=a789821262?words=sloat*
- Zelmanova, O., Korsnakova, P., Tramonte, L., & Willms, J. D. (2007). Education inequality in Slovakia: The effects of early selection. *Prospects*, XXXVI(4), 529-538. Electronic version available at: <http://www.springerlink.com/content/nr712050q861u3l3/fulltext.pdf>
- Arim, R.G., Shapka, J.D., Dahinten, V.S., & Willms, J.D. (2007). Patterns and correlates of pubertal development in Canadian youth. *Canadian Journal of Public Health*, 98(2), 91-96.
- Dahinten, S., Shapka, J.D., & Willms, J.D. (2007). Adolescent children of adolescent mothers: The impact of family functioning on trajectories of development. *Journal of Youth and Adolescence*, 36(2), 195 – 212. Published online January 10. Electronic version available at: <http://dx.doi.org/10.1007/s10964-006-9140-8>
- John, L., Wright, R., Duku, E. K., & Willms, J. D. (2007). The use of propensity scores as a matching strategy. *Research on Social Work Practice*, 18(1), 20-26. Published online on Sage Journals Online (OnlineFirst, October 16, 2007): <http://rsw.sagepub.com/cgi/rapidpdf/1049731507303958v1>
- Letourneau, N. L., Fedick, C. B., & Willms, J. D. (2007). Mothering and domestic violence: A longitudinal analysis. *Journal of Family Violence*, 22(8, Online First). Published online: <http://www.springerlink.com/content/3x042233813631v0/fulltext.pdf>
- Letourneau, N., Fedick, C., Willms, J.D., Stewart, M., & White, K. (2007). Longitudinal study of socio-environmental predictors of behavior: Children of adolescent and older mothers compared. *Canadian Studies in Population*, 34(1), 1-27.
- Sloat, E.A., Beswick, J.F., & Willms, J.D. (2007). Using early literacy monitoring to prevent reading failure. *Phi Delta Kappan*, 88(7), 523-529.
- Willms, J. D. & Flanagan, P. (2007). Canadian students "Tell Them From Me". *Education Canada*, (47)3, 46-50.
- Bartlett, L., Guernsey, J., Maddalena, V., Willms, J.D., & Reimer, B. (2006). The Influence of resource-reliance and community-level social environmental factors on self-reported health measures: A hierarchical analysis using the Canadian Community Health Survey [ISEE/ISEA 2006 Conference Abstracts Supplement: Poster Abstracts]. *Epidemiology* 17(6) Suppl, S383.
- Baucal, A., Pavlovic-Babic, D., & Willms, J. D. (2006). Differential selection into secondary schools in Serbia. *Prospects*, XXXVI(4), 539-546. Electronic version available at: <http://www.springerlink.com/content/l5544424r8562838/fulltext.pdf>

- Straková, J., Tomášek, V., & Willms, J. D. (2006). Education inequalities in the Czech Republic. *Prospects, XXXVI(4)*, 517-538. Electronic version available at: <http://www.springerlink.com/content/j57316542w0j1832/fulltext.pdf>
- Willms, J.D. (2006). Variation in Socioeconomic Gradients Among Cantons in French- and Italian-Speaking Switzerland: Findings from the OECD PISA. *Educational Research and Evaluation, 12(2)*, 129-154.
- Willms, J. D., Smith, T. M., Zhang, Y., & Tramonte, L. (2006). Raising and levelling the learning bar in Central and Eastern Europe. *Prospects, XXXVI(4)*, 411-418. Electronic version available at: <http://www.springerlink.com/content/t1804j0360857752/fulltext.pdf>
- Zunzunegui, M.-V., Forster, M., Gauvin, L., Raynault, M.-F., & Willms, J. D. (2006). Community unemployment and immigrants' health in Montreal. *Social Science and Medicine, 63(2)*, 485-200.
- Beswick, J., Willms, J.D., & Sloat, E.A. (2005). A Comparative Study of Teacher Ratings of Emergent Literacy Skills and Student Performance on a Standardized Measure. *Education, 136(1)*, 116-137.
- Baillargeon, R., Tremblay, R.E., Willms, J.D., Romano, E., Lee, K.-H., Wu, H.-X. (2004). Modeling intraindividual change over time in the absence of a "Gold Standard". *Psychology Science, 46(1)*, 7-34.
- Ma, X. & Willms, J.D. (2004). School disciplinary climate: Characteristics and Effects on eighth grade achievement. *Alberta Journal of Educational Research, 50(2)*, 169-188.
- Somers, M.A., McEwan, P.J. & Willms, J.D. (2004). How effective are private schools in Latin America? *Comparative Education Review, 48(1)*, 48-68.
- Willms, J.D. (2004). Early childhood obesity: A call for early surveillance and preventive measures. *Canadian Medical Association Journal, 171(3)*, 243-244.
- Willms, J.D. (2004) What can we say about the quality and equality of educational systems from the first cycle of PISA? *Education Journal, 32(1)*, 161-175.
- Willms, J.D. (2004). Why the Difference? Variation in Reading Scores Among Canadian Provinces. *Education Canada, 45(1)*, 54-55.
- Sloat, E.A. and Willms, J.D. (2003). Social policy and postmodern statistics: Reply to Nayda Veeman. *Canadian Journal of Education, 25(4)*, 358-362.
- Tremblay, M.S. and Willms, J.D. (2003). Is the Canadian childhood obesity epidemic related to physical inactivity? *International Journal of Obesity, 27(9)*, 1100-1105.
- Willms, J.D. (2003). Literacy proficiency of youth: Evidence of converging socioeconomic gradients. *International Journal of Educational Research, 39(3)*, 247-252.
- Willms, J.D. (2003). Raising Canada's Learning Bar. *Transition, 33(3)*, 11-14.
- Willms, J.D., Tremblay, M.S., & Katzmarzyk, P.T. (2003). Geographic and demographic variation in the prevalence of overweight Canadian children. *Obesity Research, 11(5)*, 668-673.
- Boyle, M.H. and Willms, J.D. (2002). Impact evaluation of a national, community-based program for at-risk children in Canada. *Canadian Public Policy/Analyse de Politique, 28, Part 3*, 461-482.

- Corbett, B. & Willms, J.D. (2002). Information and communication technology: Access and use. *Education Quarterly Review*, 8(4), 8-15.
- Grant, L.D., Long, B.C., & Willms, J.D. (2002). Women's adaptation to chronic back pain: Daily appraisals and coping strategies, personal characteristics and perceived spousal responses. *Journal of Health Psychology*, 7(5), 543-563.
- Tremblay, M.S., Katzmarzyk, P.T., Willms, J.D. (2002). Temporal trends in obesity and overweight in Canada, 1981-96. *International Journal of Obesity*, 26(4), 538-543.
- Willms, J.D. (2002). Vulnerable children and youth. *Education Canada*, 42(3), 40-44.
- Boyle, M.D. & Willms, J.D. (2001). Multilevel modeling of hierarchical data in developmental studies. *Journal of Childhood Psychology and Psychiatry*, 42(1), 141-162.
- Ehrenberg, R.G., Brewer, D.J., Gamoran, A. & Willms, J.D. (2001). Does class size matter? *Scientific American* (November), 79-85.
- Ehrenberg, R.G., Brewer, D.J., Gamoran, A., & Willms, J.D. (2001). The class size controversy. *Psychological Science in the Public Interest*, 2(1), 1-30.
- Tremblay, M.S., Inman, J.W., & Willms, J.D. (2001). Preliminary evaluation of a video questionnaire to assess physical activity in young children. *Medicine and Science in Sports and Exercise*, 33, 2139-2144.
- Tremblay, M.S. & Willms, J.D. (2001). Response to letter to the Editor from P. Katzmarzyk. *Canadian Medical Association Journal*, 164(11), 1564, 2001.
- Tremblay, M.S. & Willms, J.D. (2001). Response to a letter to the Editor from R. Auer, D. Lau, R. Reimer. *Canadian Medical Association Journal*, 164(11), 1564, 2001.
- Tremblay, M.S. & Willms, J.D. (2001). Secular trends in body mass index of Canadian children. *Pediatric Exercise Science*, 13(2), 197 (abstract).
- Willms, J.D., & Somers, M.-A. (2001). Family, classroom and school effects on children's educational outcomes in Latin America. *International Journal of School Effectiveness and Improvement*, 12(4), 409-445.
- Willms, J.D. (2001). Three hypotheses about community effects on social outcomes, *ISUMA – Canadian Journal of Policy Research*, 2(1), 53-62.
- Sloat, E. & Willms, J.D. (2000). The International Adult Literacy Survey: Implications for Canadian social policy. *Canadian Journal of Education*, 25(3), 218-233.
- Tremblay, M.S., Inman, J.W., & Willms, J.D. (2000). The relationship between physical activity, self-esteem, and academic achievement in 12-year old children. *Pediatric Exercise Science*, 11(3), 312-323.
- Tremblay, M.S., & Willms, J.D. (2000). Secular trends in body mass index of Canadian children. *Canadian Medical Association Journal*, 163(11), 1429-1433.
- Willms, J.D. (2000). Have early childhood outcomes in New Brunswick improved? *ISUMA: Canadian Journal of Policy Research*, 1(2), 64-70.

- Willms, J.D. (2000). Monitoring school performance for "standards-based reform". *Evaluation and Research in Education, 14*(3&4), 237-253.
- Boyle, M.H. & Willms, J.D. (1999). Place effects for areas defined by administrative boundaries. *American Journal of Epidemiology, 149*(6), 577-585.
- Ma, X., & Willms, J.D. (1999). Dropping out of advanced mathematics: How much do students and schools contribute to the problem? *Educational Evaluation and Policy Analysis, 21*(4), 365-383.
- Tremblay, M.S., Inman, J.W., & Willms, J.D. (1999). The development and validation of a video questionnaire to assess physical activity in young children. *Medicine and Science in Sports and Exercise, 31*(5), 582.
- Tremblay, M.S., Shephard, R.J. & Willms, J.D. (1999). The Canadian Quality Physical Education Longitudinal Study. *Pediatric Exercise Science, 11*(3), 268.
- McKenna, M. & Willms, J.D. (1998). The challenges facing parent councils in Canada. *Childhood Education: Infancy Through Early Adolescents, 74*(6), 378-383.
- Tremblay, M.S., Shephard, R.J., & Willms, J.D. (1998). National study to measure impact of quality physical education. *CAHPERD Journal, 64*(3), 42-43.
- Willms, J.D., & Sloat, E.A. (1998). Schooling outcomes for youth at risk. *Policy Options, 19*(6), 28-33.
- McKenna, M. & Willms, J.D. (1997). Cooperation between families and schools: "What Works" in Canada. *Research Papers in Education, 13*(1), 19-41.
- Willms, J.D. (1997). Literacy skills and social class gradients. *Policy Options, 18*(6), 22-26.
- Ho, E. & Willms, J.D. (1996). The effects of parental involvement on eighth grade achievement. *Sociology of Education, 69*, 126-141.
- Echols, F.E. & Willms, J.D. (1995). Reasons for School Choice in Scotland. *Journal of Education Policy, 10*(2), 143-156.
- Raudenbush, S.W. & Willms, J.D. (1995). The estimation of school effects. *Journal of Educational and Behavioral Statistics, 20*(4), 307-335.
- Willms, J.D. (1995). School choice and market principles: Findings from Scotland. *Private School Monitor, 16*(3), 9-13.
- Willms, J.D. & Kerckhoff, A.C. (1995). The challenge of developing new social indicators. *Educational Evaluation and Policy Analysis, 17*(1), 113-131.
- Willms, J.D. & Paterson, L. (1995). A multilevel model for community segregation. *Journal of Mathematical Sociology, 20*(1), 23-40.
- Rumberger, R. & Willms, J.D. (1992). The impact of racial and ethnic segregation on the achievement gap in California high schools. *Educational Evaluation and Policy Analysis, 14*(4), 377-396.
- Willms, J.D. & Echols, F.H. (1992). Alert and inert clients: The Scottish experience of parental choice of schools. *Economics of Education Review, 11*(4), 339-50.

- Echols, F., McPherson, A.F. & Willms, J.D. (1990). Parental choice in Scotland. *Journal of Education Policy*, 5(3), 207-222.
- Willms, J.D. & Jacobsen, S. (1990). Growth in mathematics skills during the intermediate years: Sex differences and school effects. *International Journal of Educational Research*, 14, 157-174.
- Raffe, D. & Willms, J.D. (1989). Schooling the discouraged worker: Local-labour-market effects on educational participation. *Sociology*, 23(4), 559-581.
- Willms, J.D. & Chen, M. (1989). The effects of ability grouping on the ethnic achievement gap in Israeli elementary schools. *American Journal of Education*, 97(3), 237-257.
- Willms, J.D. & Raudenbush, S.W. (1989). A longitudinal hierarchical linear model for estimating school effects and their stability. *Journal of Educational Measurement*, 26(3), 209-232.
- McPherson, A.F. & Willms, J.D. (1987). Beyond an atomistic model of school effects: Scottish findings. *The International Review of Sociology*, 1, 145-184.
- McPherson, A.F. & Willms, J.D. (1987). Comprehensive schooling is better and fairer. *Forum for the Discussion of New Trends in Education*, 30(2), 39-40.
- McPherson, A.F. & Willms, J.D. (1987). Equalization and improvement: Some effects of comprehensive reorganization in Scotland. *Sociology*, 21(4), 509-539.
- Willms, J.D. (1987). Differences between Scottish education authorities in their examination attainment. *Oxford Review of Education*, 13(2), 211-232.
- Willms, J.D. & Kerr, P.D. (1987). Changes in sex differences in Scottish examination results since 1976. *Journal of Early Adolescence*, 7(1), 85-105.
- Willms, J.D. (1986). Social class segregation and its relationship to pupils' examination results in Scotland. *American Sociological Review*, 51, 224-241.
- Willms, J.D. (1985). Catholic schooling effects on academic achievement: New evidence from the High School and Beyond Follow-Up Study. *Sociology of Education*, 58(2), 98-114.
- Willms, J.D. (1985). The balance thesis: Contextual effects of ability on pupils' 0-grade examination results. *Oxford Review of Education*, 11(1), 33-41.
- Willms, J.D. & Cuttance, P.F. (1985). School effects in Scottish secondary schools. *British Journal of Sociology of Education*, 6(3), 289-306.
- Willms, J.D. (1984). School effectiveness within the public and private sectors: An evaluation. *Evaluation Review*, 8(1), 113-135.
- Willms, J.D. (1979). An investigation of public attitudes and concerns. *Mental Retardation/Deficiency Mentale*, 29(1), 10-15.

Chapters in Books

- Willms, J.D. (2011). Chapter 2: Managing and Using Secondary Data Sets With Multi-Disciplinary Research Teams. In K.H. Trzesniewski, M.B. Donnellan & R.E. Lucas (Eds.), *Secondary Data Analysis: An Introduction for Psychologists* (pp. 27-38). Washington, D.C.: American Psychological Association.

- Sloat, E.A., Beswick, J.F., & Willms, J.D. (2010). Benefits, Challenges and Lessons of Longitudinal Research Collaborations. In J.J. Slater and R. Ravid (Ed.), *Collaboration in Education* (pp.134-141). New York: Taylor & Francis Group.
- Willms, J. D. (2009). Raising and Levelling the Learning Bar in Canadian Schools. In J. Lupart, A. McKeough, M. Porath, L. Phillips & V. Timmons (Eds.). *The Challenges of Student Diversity in Canadian Schools*. (pp. 129-156). Markham, ON: Fitzhenry and Whiteside.
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- Baillargeon, R., Tremblay, R.E. & Willms, J.D. (1998). *The prevalence of physical aggression in Canadian children: A multi-group latent class analysis of data from the National Longitudinal Survey of Children and Youth (NLSCY)*. Report prepared for the Applied Research Branch, Human Resources and Development Canada.
- Willms, J.D. (1996). *Indicators of mathematics achievement in Canadian elementary schools*. Report prepared for Human Resource Development Canada.
- Willms, J.D. (1996). *The National Longitudinal Study of Children: Analysis plan for subsequent waves of data*. Report prepared for Human Resource Development Canada.
- Willms, J.D. & Shields, M. (1996). *A Measure of socioeconomic status for the National Longitudinal Study of Children*. Report prepared for Human Resource Development Canada.

Research Monographs: New Brunswick Government

- Willms, J.D. (2004) *An assessment of early childhood developmental outcomes in New Brunswick*. Report commissioned by the New Brunswick Department of Health. Fredericton, New Brunswick.
- Willms, J.D. (2000). *A framework for assessing early childhood outcomes: New Brunswick's early childhood initiative*. Report prepared for the New Brunswick Department of Health and Community Services.
- Willms, J.D., Watts, D.C., Konarski, R. & Law, J. (1999). *Forecasting hospital utilization rates in New Brunswick*. Report prepared for the New Brunswick Health Association, Fredericton, NB.
- Willms, J.D. (1997). *Improving literacy skills in New Brunswick: Challenges and strategies*. Report prepared for the New Brunswick Department of Advanced Education and Labour.

Research Monographs: Other Organizations

- Murray, T.S., Glickman, V., Scott, D., Shillington, R., & Willms, J.D. (2010). *The Relative Quality of Secondary Leavers in Ontario: A Review of the Evidence*. Ottawa: DataAngel.
- Willms, J. D., Friesen, S. & Milton, P. (2009). *What did you do in school today? Transforming classrooms through social, academic, and intellectual engagement*. (First National Report) Toronto: Canadian Education Association.
- Willms, J.D. (2008). *Seven Key Issues for Assessing 'Value Added' in Education*. Paper prepared for the workshop sponsored by the National Research Council and the National Academy of Education on the use of value-added methods for instructional improvement, program evaluation and accountability. Washington, D.C.
- Willms, J. D. (2008). *Structural Innovations to Raise and Level the Learning Bar in Regina Public Schools*. Regina, SK: Regina Public Schools.
- Willms, J. D. (2007). *Variance within and among classrooms and schools: The case of New Zealand*. Wellington, New Zealand: Ministry of Education.
- Willms, J. D., & Tang, T. (2007). *Mapping of literacy as a determinant of health*. Antigonish, NS: National Collaborating Centre on the Determinants of Health (NCCDH).
- Willms, J. D., & Wilson-Forsberg, S. (2007). *Across-grade grouping for continuous learning: Research findings and program design*. Regina, SK: Regina Public School District.
- Leithwood, K., Martell, G., Noonan, B. & Willms, J. D. (2005). *Reversing the trend. Improving the academic achievement of Saskatchewan students*. Report prepared for Saskatchewan Learning.
- Willms, J.D. (2005). *Indicators of Childhood Overweight and Obesity, Participation in Sports, Time Spent Watching Television, and Neighbourhood Quality, based on data from the National Longitudinal Survey of Children and Youth*. Report prepared for Active Healthy Kids Canada.
- Willms, J.D. (2003). *PISA 2000: Socioeconomic status and reading performance of French- and Italian-speaking Swiss students*. Report commissioned by the Service de la Recherche en Éducation Genève, Switzerland.
- Willms, J.D. & Flanagan, P. (2002). *Programs to increase access to post-secondary education: A research paper prepared for the Canada Millennium Scholarship Foundation*.
- Willms, J. D., & Flanagan, P. (2002). *Ready or not? Literacy skills and post-secondary education*. Montreal, QC: Canada Millennium Scholarship Foundation.
- Dahinten, V.S., Tremblay, R.E. & Willms, J.D. (1999). *A parent and child training programme to improve early childhood development in Pakistan: A project in support of the Institute of Human Development at the Aga Khan University*. Report prepared for Task Force on Human Development.
- Bernard, P., Havens, B., Kuhn, P., Le Bourdais, C., Norris, D., Ornstein, M., Picot, G., Wilk, M., & Willms, J.D. (1998). *Final report of the Joint Working Group of the Social Sciences and Humanities Research Council and Statistics Canada on the advancement of research using social statistics*.
- Willms, J.D. (1998). *Assessment strategies for Title I of the Improving America's Schools Act*. Report prepared for the Committee on Title I Testing and Assessment of the National Academy of Sciences.

- Willms, J.D. (1998). *Sector differentials in adult literacy skills in Northern Ireland*. Report prepared for the Northern Ireland Statistics and Research Agency.
- Willms, J.D. (1997). Parental choice and educational policy. *Centre for Educational Policy Briefing, No. 12*. Edinburgh: Centre for Educational Policy, University of Edinburgh.
- Willms, J.D. & Warwick, D.P. (1995). *The academic achievement of grade 4 students in Jordan: Patterns and influences*. Report prepared for the National Center for Educational Research and Development, Amman, Jordan.
- Willms, J.D. (1995). *An evaluation of the monitoring system of the B.C. Ministry of Education*. Report prepared for the B.C. Ministry of Education.
- Willms, J.D. (1989, November). *A plan for a survey of secondary pupils in Northern Ireland* (revised and costed by members of CES). Edinburgh University: Centre for Educational Sociology, and University of British Columbia: Center for Policy Studies in Education.
- McPherson, A.F. & Willms, J.D. (1987, July). *Equalization and improvement: Some effects of comprehensive reorganization in Scotland*. (Unabridged version of Sociology article). Edinburgh University: Centre for Educational Sociology.
- Willms, J.D. (1986). Do Scottish Education Authorities differ in their examination results? Findings from the Scottish School Effectiveness Study. *Spotlights, 3*, Scottish Council for Research in Education.
- Willms, J.D. (1986). *Ineffectual schools or ineffectual testing? (Report No. 86)*. Edinburgh University: Centre for Educational Sociology.
- Willms, J.D. (1985, January). *Patterns of academic achievement in public and private schools: Implications for public policy and future research*. (Program Report No. P/NP 5). Stanford University: Institute for Research on Educational Finance and Governance.
- Willms, J.D. (1984, April). *Public and private school outcomes: Results from the High School and Beyond Follow-up study*. (Program Report No. 84-B4). Stanford University: Institute for Research on Educational Finance and Governance.
- Willms, J.D. (1984). *A contextual effects analysis of public and private schools*. Centre for Educational Sociology: University of Edinburgh.
- Willms, J.D. (1983, March). *Public and private schools: The evaluation of choice in education*. (Program Report No. 83-B1). Stanford University: Institute for Research on Educational Finance and Governance.
- Willms, J.D. (1982, May). *Achievement outcomes in public and private schools: A closer look at the High School and Beyond data*. (Program Report No. TTC-9). Stanford University: Institute for Research on Educational Finance and Governance.

Policy Briefs

- Willms, J.D. (2009). *Value-Added Models in Education*. Fredericton, N.B.: Canadian Research Institute for Social Policy. Electronic version available at:
[http://www.unb.ca/crisp/pdf/PB-VAM\(23_Jan_2009\).pdf](http://www.unb.ca/crisp/pdf/PB-VAM(23_Jan_2009).pdf)

- Willms, J.D. (2008). *The case for universal French instruction*. Fredericton, N.B.: Canadian Research Institute for Social Policy. Electronic version available at: [http://www.unb.ca/crisp/pdf/pbrief_case_for_french_instruction_\(28_Apr_2008\).pdf](http://www.unb.ca/crisp/pdf/pbrief_case_for_french_instruction_(28_Apr_2008).pdf)
- Willms, J.D. (2004). *Raising and leveling the bar*. Fredericton, NB: Canadian Research Institute for Social Policy.
- Chao, R.K., & Willms, J.D. (2000). Family income, parenting practices, and childhood vulnerability: A challenge to the "Culture of Poverty" thesis. *Policy Brief, No. 9*. Fredericton, NB: Canadian Research Institute for Social Policy.
- Bertrand, J., McCain, M., Mustard, J.F., & Willms, J.D. (1999). A "first tier" for Canadian children: Findings from the Early Years Study in Ontario. *Policy Brief, No. 6*. Fredericton, N.B.: Atlantic Centre for Policy Research.
- Tremblay, M.S., & Willms, J.D. (1999). The need to increase physical activity during the elementary and middle school years. *Policy Brief, No. 7*. Fredericton, New Brunswick: Atlantic Centre for Policy Research.
- Willms, J.D. (1999). Mathematics: The critical filter. *Policy Brief, No. 5*. Fredericton, New Brunswick: Atlantic Centre for Policy Research.
- McKenna, M. & Willms, J.D. (1998). Expanding parental involvement in Canadian schools. *Policy Brief, No. 3*. Fredericton, NB: Atlantic Centre for Policy Research.
- Willms, J.D., & Sloat, E.A. (1998). An outcome-based model for evaluating Canadian programs for children at risk. *Policy Brief, No. 2*. Fredericton, NB: Atlantic Centre for Policy Research, University of New Brunswick.
- Willms, J.D., & Sloat, E.A. (1998). Literacy for life. *Policy Brief, No. 4*. Fredericton, New Brunswick: Atlantic Centre for Policy Research.
- Willms, J.D. (1998). District and provincial assessment: Can it be useful to principals and teachers? *Policy Brief, No. 1*. Fredericton, NB: Atlantic Centre for Policy Research, University of New Brunswick.

CRISP Online Video Modules and PowerPoint Slides
(<http://www.unb.ca/crisp/crispModule.php>)

1. Raising and Levelling the Learning Bar
2. Five Types of Interventions
3. Informing Decisions with Leading Indicators
4. Measuring What Counts
5. Increasing Student Engagement
6. Improving Classroom and School Climate

Dissertations: PhD and MA

- Willms, J.D. (1983). *Achievement outcomes in public and private high schools*. Doctoral dissertation, Stanford University.

Willms, J.D. (1979). *Retarded adults in the community: An investigation of neighbourhood attitudes and concerns*. M.A. Thesis, University of British Columbia, EPSE Department (ERIC Document Reproduction Service No. EC 112 517).

PRESENTATIONS

Willms, J.D. (2010, October) *Aligning Assessment with Student Success: New Approaches to Literacy Assessment*. Keynote presentation at the International Conference on Assessment. Kamloops, BC.

Willms, J.D. (2010, October) *A Lesson Plan for the future – a child's right to learn and know*. Policy panel presentation at the Champions for Children and Youth 2010 B.C. Summit. Vancouver, BC.

Willms, J.D. (2010, July) *Learning Divides – the Inequality in Learning*. Keynote presentation and workshop given at the ICFES research conference Bogota, Columbia.

Willms, J.D. (2010, June) *The Science and Practice of Early Years Evaluation*. Keynote presentation at the Positive Transitions to School conference. Saskatoon, SK.

Willms, J.D. (2010, June) *Youth Gambling in Atlantic Canada*. Atlantic Lottery Corporation meeting. Moncton, NB.

Willms, J.D. (2010, May) *Youth Gambling in Atlantic Canada*. Presentation at the joint meeting of Atlantic Lottery Corporation & Addiction Services of Newfoundland. Saint John's, NL.

Willms, J.D. (2010, February). *Social, Institutional, and Intellectual Engagement*. Plenary presentation at the EQAO's Learning Symposium 2009. Toronto, ON.

Willms, J.D. (2009, October). *Classroom Diversity and Inclusion: The Educational Advantage*. Plenary presentation at the Return to Salamanca – Global Conference on Inclusive Education. Salamanca, Spain.

Willms, J.D. (2009, September). *Aligning Data with Student Success: Connecting PISA with measures of School Context*. Keynote presentation at the PISA Research Conference. Kiel, Germany.

Willms, J.D. (2009, August). *Turning Around Education Policy and Performance*. Keynote presentation at the 61st Annual Conference for the Institute of Public Administration of Canada. Fredericton, NB.

Willms, J.D. (2009, June). *New Approaches to Educational Assessment: Student and School Assessments that Improve School Policy and Practice*. Keynote presentation at the Ochanomizu University, Tokyo, Japan.

Willms, J.D. (2009, May). *Successful Transitions during Early Childhood: Recent Findings from Canada's National Longitudinal Survey of Children and Youth*. Keynote presentation at the Upstart Parenting Task Force 3rd annual parent/family education symposium. Calgary, AB.

Willms, J.D. (2009, May). Plenary panel participant at the Institute for Health and Social Policy Experts Session on Educational Equity. Montreal, QC.

Willms, J.D. (2009, April). *The Critical Transition from 'learning-to-read' to 'reading-to-learn'*. Presentation at the Successful Transitions Conference hosted by Human Resources and Skills Development Canada. Ottawa, ON.

Willms, J.D. (2009, April). *Risky behaviours during adolescence*. Presentation at the Successful Transitions Conference hosted by Human Resources and Skills Development Canada. Ottawa, ON.

- Willms, J.D. (2009, April). *Synthesis and policy implications from the Successful Transitions work*. Presentation at the Successful Transitions Conference hosted by Human Resources and Skills Development Canada. Ottawa, ON.
- Willms, J.D. (2009, March). *Strategies to Improve the Literacy Skills of Canadian Children and Youth*. Presentations at the Canadian Literacy and Language Research Networks' National Strategy on Early Learning consultations held in Fredericton, NB, Montreal, QC, and Ottawa, ON.
- Willms, J.D. (2009, February). *Raising and Levelling the Learning Bar in Ontario*. Keynote presentation at the 4th Annual Ontario Education Research Symposium. Toronto, ON.
- Willms, J.D. (2009, February). *Measuring What Counts: Using Data to Inform School Policy and Practice*. Keynote presentation at the Ottawa Region MISA (Managing Information for Student Achievement) Professional Network Centre Annual Symposium. Kingston, ON.
- Willms, J.D. (2008, November). *Seven Key Issues for Assessing Value Added in Education*. Presentation at the Value Added Models for Instructional Improvement, Program Evaluation and Accountability conference. Washington, DC, USA.
- Willms, J.D. (2008, October). *Policy Levers for Raising and Levelling the Learning Bar*. Keynote presentation at The Engaged Learner conference, Winnipeg, MB.
- Willms, J.D. (2008, September). *Children and Young Families: Our Greatest Resource*. Presentation with Dr. Nicole Letourneau as part of the CIHR Café Scientifique series. Saint John, NB.
- Willms, J.D. (2008, May). *Raising and Levelling the Learning Bar in B.C. Schools*. Professional development session for the British Columbia School Superintendents' Association's 'Leading on Common Ground' Spring forum. Vancouver, B.C.
- Willms, J.D. (2008, March). *Raising and levelling the learning bar: International perspectives*. George Kneller Lecture at the Comparative & International Education Society Conference, New York, NY.
- Willms, J.D. (2008, February). *Attendance as an aspect of engagement*. Keynote at the National Educational Welfare Board Conference: 'School Attendance and Participation: What works and why?' Dublin, Ireland.
- Willms, J.D. (2007, November). *Improving schools and local communities*. Keynote presentation at the Canadian Research Institute for Social Policy conference 'A Call for Knowledge'. Fredericton, N.B.
- Willms, J.D. (2007, November). *How parental involvement can bolster student achievement and engagement*. Keynote presentation at the School Community Council Professional Development meeting at the Warman High School, Warman, SK.
- Willms, J.D. (2007, November). *Where are our students now?* Opening keynote presentation at the Premier's Forum on Education, Halifax, N.S.
- Willms, J.D. (2007, November). *Measuring what counts during the early years: Findings from Canada's major longitudinal studies*. Keynote presentation at the Alberta Centre for Child, Family, & Community Research conference 'The many faces of childhood well-being: The early years', Edmonton, AB.
- Willms, J.D. (2007, October). *Canadian students "Tell Them From Me"*. Keynote address at the Vancouver Provincial Summit, Vancouver, BC.

- Willms, J.D. (2007, May). *Engagement at school: A report from Canadian children and youth*. Keynote presentation at the Canadian Education Association symposium 'Getting it right for adolescent learners: Design for Learning', Montreal, QC.
- Willms, J.D. (2007, May). *Parents matter: Raising and levelling the learning bar for Canadian children*. Keynote presentation at the Canadian Association of Family Resource Programs conference 'Parents matter', Ottawa, ON.
- Willms, J.D. (2007, April). *International perspectives on policy implications for middle childhood*. Presented at the National Learning Summit on Middle Childhood, Ottawa, ON.
- Willms, J.D. (2007, April). *Policy implications on middle childhood*. Presented at the National Learning Summit on Middle Childhood, Ottawa, ON.
- Willms, J.D. (2006, November). *Can school quality compensate for socioeconomic disadvantage?* Presented at the 'Making Connections' conference, Richmond, B.C.
- Willms, J.D. (2006, November). *Continuous monitoring to increase student achievement*. Workshop session at the 'Quest for increased student achievement' conference, Toronto, ON.
- Willms, J.D. (2006, June). *Don't wait to fail! Assessment and intervention strategies for improving literacy*. Keynote presentation at the Canadian Language & Literacy Networks 5th Annual Conference, Charlottetown, PE.
- Willms, J.D., Flanagan, P. & Beswick, J. (2005, November). *Innovation in School Assessments*. Workshop session at Healthy Schools Conference, Fredericton, New Brunswick.
- Willms, J.D. & Tremblay, M. (2005, November). *Childhood Obesity: what roles can schools play in reversing this alarming trend?* Workshop session at Healthy Schools Conference, Fredericton, New Brunswick.
- Willms, J.D. (2005, October). *Equity and Excellence: Challenges for Political and Administrative Decision Making*. Opening plenary at Jacobs Foundation Conference, Marbach Castle, Germany.
- Willms, J.D. (2005, July). *Policy Levers for Raising and Leveling the Learning Bar*. Keynote presentation at the Superintendency Institute of America, Inc. Niagara-on-the-Lake Summer Meeting, Niagara-on-the-Lake, Ontario.
- Willms, J.D. (2005, May). *What are the conditions for learning that need to be in place for children to reach their full potential?* Expert presenter – 2005 Education CEO's Forum, Canadian Education Association, Toronto, Ontario.
- Willms, J.D. (2005, February). *Capacity-based reforms for improving student outcomes*. Key note address – Education Partners Forum, Nova Scotia Department of Education, Truro, N.S.
- Willms, J.D. (2005, February). *Vulnerable Children Research*. Presented at the Northern Leadership Conference 2005: Working Together – Learning for All, Prince George, B.C.
- Willms, J.D. (2005, January). *Policy Levers for School Success*. Keynote speaker - Leadership Conference 2005. Hamilton-Wentworth District School Board, Niagara-on-the-Lake, Ontario.
- Willms, J.D. (2005, January). *Strategies for Raising and Leveling the Learning Bar*. Presented at the National Roundtable on Students at Risk, Toronto, Ontario.

- Willms, J.D. (2004, November). *Building Capacity for Monitoring Success at the School and District Levels*. Presented at The Quest for Effective Schools: Sustaining Student Improvement, Richmond Hill, Ontario.
- Willms, J.D. (2004, November). *Raising and Leveling the Learning Bar*. Presented at the PEI Literacy Summit 2004, Charlottetown, PEI.
- Willms, J.D. (2004, November). *Tell Them From Me: Using Data From Students and Teachers to Build Capacity and Inform Decision-Making*. Presented at the 4th Annual Turnaround Strategies in Education: Narrowing the Gap Between What We Know and What We Do, Toronto, Ontario.
- Willms, J.D. (2004, October). *Contextual Effects on Student Outcomes*. Paper presented at the Jacobs Foundation Conference on Educational Differences. Zurich, Switzerland.
- Willms, J.D. (2004, May). *Making children matter*. Keynote address at the Making Children Matter – Building Better Communities for Children Conference, London, Ontario.
- Willms, J.D. (2003, November). *What can we say about the quality and equality of educational systems from the first cycle of the PISA?* Keynote presentation at the International Conference of the Programme for International Student Assessment, Hong Kong.
- Willms, J.D. (2003, May). *Raising and leveling the learning bar: A conversation about using assessment to improve student learning*. Presented to the Ontario Ministry, University of Toronto, Toronto, Ontario.
- Willms, J.D. (2003, May). *Raising and leveling the learning bar*. Invited Presidential Address at the Canadian Educational Researchers' Association/Canadian Society for the Study of Education Conference 2003 in Halifax, Nova Scotia.
- Willms, J.D. (2003, February). *Raising and leveling the learning bar*. Keynote address at the CPHI Regional Workshop held in Fredericton, New Brunswick.
- Craig, W.M. & Willms, J.D. (2002). *Bullying and victimization: A function of social processes within the peer group*. Paper presented at the Society for Research in Adolescence Biennial Meeting, New Orleans, April 2002.
- Willms, J.D. (2002, November). *Examining the PISA results: Towards a PEI response for Raising and Leveling the Learning Bar*. Keynote Speaker at the Prince Edward Island Schools meeting at the Delta Prince Edward, Charlottetown, PEI.
- Willms, J.D. (2002, November). *Raising and leveling the learning bar: Strategies for a family-enabling society*. Keynote Speaker in the Plenary of the 2002 CACL Inclusion and Diversity Conference at the Delta Meadowvale in Mississauga, Ontario.
- Willms, J.D. (2002, October). *Building an infra-structure for a family-enabling society: Implications of Canadian research on vulnerable children*. Invited keynote luncheon speaker at the Canadian Association of Family Resource Programs awards luncheon. Toronto, Ontario.
- Somers, M.-A., Willms, J.D., & McEwan, P. (2001). *Differences in schooling outcomes between public and private schools in Latin America*. Paper presented at the Comparative and International Education Society conference, March 14-17, Washington, DC.

- Tremblay, M.D., Katzmarzyk, P.T., & Willms J.D. (2001). *Temporal trends in overweight and Obesity in Canada, 1981-1996*. Paper Presented at the Congress of Epidemiology (Toronto), 2001.
- Sloat, E., & Willms, J.D. (2000, May). *A Model for Evaluating Community-Based Programs Serving at-Risk Youth*. Paper presented at the CSSE Conference, Edmonton.
- Willms, J.D. (2000, October). *Inclusive education and the current trends toward market-driven education systems: Conflict or convergence?* Presented at the 6th International Congress on the Inclusion of Children with Disabilities in the Community. Edmonton, AB.
- Willms, J.D. (2000, April). *HLM analysis outcomes for achievement scores adjusted for context variables, in the LALAQE first comparative study*. American Educational Research Association Annual Conference. New Orleans.
- Willms, J.D. (2000, April). *Standards of care: Investments to improve children's educational outcomes in Latin America*. Paper presented for the Year 2000 Conference on Early Childhood Development sponsored by the World Bank. Washington, DC.
- Baillargeon, R.H., & Willms, J.D. (1999, April). *The prevalence of behavior problems in the Canadian population of children: The National Longitudinal Survey of Children and Youth*. Paper presented at the Society for Research in Child Development biennial meeting, Albuquerque, NM.
- Frempong, G., & Willms, J.D. (1999, April). Double jeopardy: The disadvantage of being disadvantaged in a disadvantaged school. Paper presented at the Annual Meeting of the American Educational Research Association, Montreal.
- Law, J., Coleman, D., McLaughlin, J., & Willms, J.D. (1999). *Exploring communities using multivariate demographic data*. Paper presented at the Geo 99: Mapping the Future: Tools, Techniques, Technologies, Fredericton, New Brunswick.
- Law, J., Coleman, D., McLaughlin, J., & Willms, J.D. (1999). *Identifying communities through spatial analysis of multivariate demographic data*. Paper presented at Spatial Data Infrastructure '98: The 10th International Geomatics Conference, Ottawa, Ontario.
- Sloat, E.A., & Willms, J.D. (1999, May). *Schooling outcomes for youth at risk*. Invited co-presenter to the Re-Awakening Community Connections Conference. St. Thomas University, Fredericton, New Brunswick.
- Tremblay, M.S., Inman, J.W., & Willms, J.D. (1999). *Relationships between physical activity, self-esteem, and academic achievement in ten- and eleven-year old children*. Paper presented at the XXth International Symposium of the European Group of Pediatric Work Physiology, Sabaudia, Italy.
- Tremblay, M.S., Inman, J.W., & Willms, J.D. (1999). *The development and validation of a video questionnaire to assess physical activity in young children*. Paper presented at the American College of Sports Medicine Annual Conference, Seattle.
- Tremblay, M.S., Inman, J.W., & Willms, J.D. (1999). *The relationship between physical activity, self-esteem, and academic achievement: Ammunition for preserving and enhancing physical education*. Paper presented at the CAHPERD Conference, Saskatoon, SK.
- Tremblay, M.S., Shephard, R.J., & Willms, J.D. (1999). *The Canadian Quality Physical Education Longitudinal Study*. Paper presented at the XXth International Symposium of the European Group of Pediatric Work Physiology, Sabaudia, Italy.

- Willms, J.D. (1999, March). *Issues concerning the analysis of data on elementary schools in Central and South America*. Invited presentation to the Laboratorio Latinoamericano de Evaluación de la Calidad de la Educación. Havana, Cuba.
- Willms, J.D. (1999, March). *Three hypotheses about community effects relevant to the contribution of human and social capital to sustaining economic growth and well-being*. International Symposium on "The Contribution of Human and Social Capital to Sustained Economic Growth and Well-Being" sponsored by the Organization for Economic Cooperation and Development and Human Resources Development Canada. Quebec City.
- Frempong, G., & Willms, J.D. (1998, April). Social class gradients in middle school students' mathematics achievement: A multivariate multilevel analysis of a "TIMSS" data. Paper presented at the Annual Meeting of the American Educational Research Association, San Diego.
- Willms, J.D. (1998, October). *Vulnerable children in Canada*. Keynote address to the HRDC Conference on Investing in Children. Ottawa, ON.
- Willms, J.D. (1998, September). Basic concepts of hierarchical linear modeling and application for policy analysis. Invited presentation to the joint conference of the International Association of Survey Statisticians and the International Association for Official Statistics, organized in conjunction with the National Institute of Statistics, Geography, and Informatics of Mexico. Aguascalientes, Mexico.
- Willms, J.D., & Ma, X. (1998, April). *A profile of New Brunswick middle schools: Schooling outcomes and school climate*. Paper presented at the Annual Meeting of the American Educational Research Association, San Diego.
- Willms, J.D., & Sloat, E. A. (1998, August). *An outcome-based model for evaluating programs for children at risk*. Paper presented at the American Sociological Association Conference, San Francisco.
- Ma, X., & Willms, J.D. (1997, March). *Dropping out of advanced mathematics*. Paper presented at the Annual Meeting of the American Educational Research Association, Chicago.
- Willms, J.D. (1997, May). School and community effects on youth literacy. Invited presentation to the Faculty of Education, The Chinese University of Hong Kong.
- Willms, J.D. (1996, August). *Relating individual and group patterns in development: Hierarchical linear modeling*. Paper presented at the XIVth Biennial meetings of ISSBD, Quebec City, Quebec.
- Willms, J.D. (1996, April). *The use of performance indicators in developing countries*. Invited address to the Special Interest Group on School Indicators, New York, New York.
- Willms, J.D. (1996, February). *School effectiveness and school improvement: The ways forward?* Invited seminar organized by the Centre for Educational Sociology, University of Edinburgh, Scotland.
- Ho, E. & Willms, J.D. (1995, April). *The effects of parental involvement on eighth grade achievement*. Paper presented at the Annual Meeting of the American Educational Research Association, San Francisco, CA.
- Ma, X. & Willms, J.D. (1995, April). The effects of school disciplinary climate on eighth grade achievement. Paper presented at the Annual Meeting of the American Educational Research Association, San Francisco, CA.

- Willms, J.D. (1995, November). *The use of hierarchical linear models in program evaluation*. Invited address to the American Evaluation Association. Vancouver, B.C.
- Willms, J.D. (1995, March). *School choice and the education marketplace*. Invited luncheon address to the Conference on Public Education sponsored by the British Columbia Teachers' Federation, Vancouver, B.C.
- Willms, J.D. (1995, January). *Accountability: Can we know if schools are doing a good job?* Invited presentation for the U.B.C. lecture series on Issues in Education in British Columbia.
- Willms, J.D. & Paterson, L. (1995, April). *A multilevel model for community segregation*. Paper presented at the annual Meeting of the American Educational Research Association, San Francisco, CA.
- Rubensen, K. & Willms, J.D. (1994, March). *Human resources development in British Columbia*. Paper presented at the CERF Workshop.
- Willms, J.D. (1994, September). *Monitoring school performance*. Invited presentation to the Indian Ministry of Education, New Delhi, India.
- Willms, J.D. (1994, April). *School choice and community segregation: Findings from Scotland*. Paper presented at the Duke University Conference held in Honour of Alan Kerckhoff's Retirement. Durham, NC.
- Willms, J.D. (1994, April). *Ten years later: The effects of school choice in Scottish communities*. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.
- Willms, J.D. (1994, February). *Monitoring school performance*. Paper presented at the Conference on Secondary Schooling organized by Simon Fraser University.
- Willms, J.D. (1994, January). *The use of hierarchical linear models in social science research*. Presentation to the Meeting of the Human Development Program of the Canadian Institute for Advanced Research.
- Echols, F.E. & Willms, J.C. (1993, April). *Reasons for school choice in Scotland*. Paper presented at the Annual Meeting of the American Educational Research Association, Atlanta, GA.
- Willms, J.D. (1993, May). *Implications of research on school effectiveness for the Year 2000*. Invited presentation to the Policy Forum on Education sponsored by the Vancouver Board of Trade. Vancouver, B.C.
- Willms, J.D. (1993, April). *A national assessment of schooling processes*. Paper presented at the Annual Meeting of the American Educational Research Association, Atlanta, GA.
- Willms, J.D. (1993, February). *A national assessment of schooling processes*. Sociology of Education conference, Asilomar, CA.
- Willms, J.D. (1993, February). *Can performance monitoring be useful for teachers and administrators?* Invited presentation to primary school administrators in Singapore, sponsored by the Monitoring and Evaluation Branch, Ministry of Education, Singapore.

- Willms, J.D. (1993, February). *International Studies of Schooling from a Multilevel Perspective*. Invited presentation to secondary school administrators in Singapore, sponsored by the Monitoring and Evaluation Branch, Ministry of Education, Singapore.
- Willms, J.D. & Kerckhoff, A.C. (1993, April). *Value for money and selective schooling*. Paper presented at the Annual Meeting of the American Educational Research Association, Atlanta, GA.
- Rumberger, R. & Willms, J.D. (1992, February). *The impact of racial and ethnic segregation on the achievement gap in California high schools*. Sociology of Education Conference, Asilomar, CA.
- Willms, J.D. (1992, August). *Performance monitoring for teachers*. Invited presentation to the conference, The Practice of Evaluating Schools in Scotland, sponsored by the Centre for Educational Sociology, University of Edinburgh, Edinburgh, Scotland.
- Willms, J.D. (1992, March). *The assessment of elementary school performance*. Invited presentation to the Faculty at Chulalongkorn University, Bangkok, Thailand.
- Willms, J.D. (1992, February). *International studies of schooling from a multilevel perspective*. Invited presentation to the Faculty of Education, Chulalongkorn University, Bangkok, Thailand.
- Willms, J.D. (1992, February). *Monitoring school performance*. Invited presentation to the Faculty of Education, Chang Mai University, Chang Mai, Thailand.
- Willms, J.D. (1992, January). *Monitoring school performance*. Invited presentation to the Faculty of Education, Chulalongkorn University, Bangkok, Thailand.
- Willms, J.D. & Echols, F. H. (1992, March). *Alert and inert clients: the Scottish experience of parental choice of schools*. Sociology of Education Conference, Asilomar, CA.
- Willms, J.D. & Echols, F. (1992, October). *The Scottish experience of parental choice of schools*. Invited presentation to the symposium, Choice: What Role in American Schools?, sponsored by the Economic Policy Institute, Washington, DC.
- Rumberger, R. & Willms, J.D. (1991). *The impact of racial and ethnic segregation on the achievement gap in California high schools*. Paper presented at the Annual Meeting of the American Educational Research Association, Chicago, IL.
- Willms, J.D. (1990, March). *Methods for estimating the effects of elementary schools*. Invited presentation to the Faculty of Education, University of Alberta, Edmonton, Alberta.
- Raffe, D. & Willms, J.D. (1989, September). *Schooling the discouraged worker: Local-labour-market effects on educational participation*. Paper presented at the Annual Meeting of the British Educational Research Association, Newcastle, England.
- Raudenbush, S.W. & Willms, J.D. (1989, September). *Estimating the stability of school effects*. Paper presented at the Annual Meeting of the British Educational Research Association, Newcastle, England.
- Willms, J.D. (1989, September). *A summary of findings from the Scottish school effects study*. Paper presented at the Annual Meeting of the British Educational Research Association, Newcastle, England.

- Willms, J.D. (1989, June). *Opportunity structure and the effects of Catholic schools in Scotland*. Invited presentation to the Annual Meeting of the Standing Advisory Committee on Human Rights (SACHR) in Northern Ireland. Belfast, Northern Ireland.
- Willms, J.D. (1989, March). *Indicators of national school performance: A summary of findings from the Scottish School Effects Study*. Invited Plenary Presentation at the Annual Meeting of the Nordic Educational Research Association. Uppsala, Sweden.
- Willms, J.D. (1989, March). *Methods and models for assessing schools effects*. Invited presentation to the Educational Research Unit at Stockholm University. Stockholm, Sweden.
- Willms, J.D. (1989, March). *The effects of local employment opportunities on high school students' academic achievement*. Paper presented at the Annual Meeting of the American Educational Research Association. San Francisco, CA.
- Willms, J.D. (1989, March). *The effects of youth unemployment on students' aspirations and attainment*. Invited presentation to the Education Department at Uppsala University. Uppsala, Sweden.
- Willms, J.D. (1989, February). *The effects of segregation in a national system: Research findings from the UK*. Invited presentation to the Sociology seminar, Western Washington University, Bellingham, WA.
- Willms, J.D. (1989, January). *The educational and occupational attainment of Catholics in the West of Scotland*. Invited address to the Glasgow University Education Colloquium. Glasgow, Scotland.
- Raudenbush, S.W. & Willms, J.D. (1988, April). *Procedures for reducing bias in the estimation of school effects*. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.
- Willms, J.D. (1988, April). *Using robust non-linear data smoothing and the hierarchical linear model to assess school effects*. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.
- Willms, J.D. & Chen, M. (1988, April). *School and classroom compositional effects: A study of ethnic and social class segregation in Israeli primary schools*. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.
- Willms, J.D. & Raudenbush, S.W. (1988, April). *Estimating the stability of school effects with a longitudinal hierarchical linear model*. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.
- McPherson, A.F. & Willms, J.D. (1987, April). *The impact of comprehensive reorganization in Scotland*. Paper presented at the Annual Meeting of the American Educational Research Association, Washington, D.C.
- Willms, J.D. (1987, August). *The stability of school effects*. Invited presentation to the Conference on Multilevel Statistical Modeling, sponsored by the Centre for Educational Sociology, Edinburgh, Scotland.
- Willms, J.D. (1987, July). *Differences between Scottish education authorities in their examination results: Policy issues*. Invited presentation to the Twentieth Anniversary Conference of the Social Administration Association, Edinburgh, Scotland.

- Willms, J.D. (1987, June). *Problems and paradoxes in the measurement of social mobility*. Invited presentation to the International Meeting on Schooling and Social Mobility, Tel Aviv, Israel.
- Willms, J.D. (1987, June). *School effectiveness: Research to practice*. Invited presentation to the Association of Directors of Education at their annual training workshop.
- Willms, J.D. (1987, April). *Indicators of school quality in a national system: Findings from the Scottish School Effects Study*. Paper presented at the Annual Meeting of the American Educational Research Association, Washington, D.C.
- McPherson, A.F. & Willms, J.D. (1986, April). *Certification, class conflict, religion and community: A socio-historical explanation of the effectiveness of contemporary schools*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Willms, J.D. (1986, November). *More, better, different? Are there significant differences between education authorities in their examination results?* Invited presentation for the Silver Medal Seminar of the Scottish Council for Research in Education, Edinburgh, Scotland.
- McPherson, A.F. & Willms, J.D. (1985, April). *The socio-historical construction of school contexts and their effects on contemporary pupil attainment in Scotland*. Paper presented at the International Sociological Association, Tel Aviv, Israel.
- Willms, J.D. (1985, June). *Are Catholic schools more effective?* Invited Presentation to the Northern Ireland Education Department, Belfast, Northern Ireland.
- Willms, J.D. (1985, June). *Differences between Scottish school authorities in their examination results*. Presentation to the Scottish Education Department, Edinburgh, Scotland.
- Willms, J.D. (1985, June). *Old schools and religious schools: Differences in examination results*. Presentation to the Educational Research Centre, St. Patrick's College, Dublin, Ireland.
- Willms, J.D. (1985, May). *Research on school effectiveness north of the border*. Presentation to the School Differences Group, London Institute of Education, London, England.
- Willms, J.D. (1984, October). *Patterns of academic achievement in public and private schools: Implications for public policy and future research*. Invited presentation at the Conference on Public and Private Schools and Educational Policy, sponsored by the National Institute of Education and the Stanford Institute for Educational Finance and Governance, Stanford, CA.
- Willms, J.D. (1984, September). *On assessing school effectiveness*. Paper presented at the Annual Meeting of the British Educational Research Association, Lancaster, UK.
- Willms, J.D. (1984, July). *Review of American research on the sociology of education*. Invited lecture for the Faculty of Education, Changchun University, Jilin Province, Peoples' Republic of China.
- Willms, J.D. (1984, April). *Public and private school outcomes: Results from the High School and Beyond Follow-up study*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Willms, J.D. & Cuttance, P.F. (1984, April). *Variations in schooling outcomes between Scottish secondary schools*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.

- Willms, J.D. (1983, April). *The myth of private school superiority*. Paper presented at the annual meeting of the American Educational Research Association, Montreal, P.Q.
- Willms, J.D. (1982, October). *Public and private schools: The evaluation of choice in education*. Paper presented at the joint meeting of the Evaluation Research Society and the Evaluation Network, Baltimore, MD.
- Willms, J.D. (1981, October). *Achievement outcomes in public and private schools: A closer look at Coleman and NAEP data*. Invited presentation at the Tuition Tax Credit Seminar, sponsored by the National Institute of Education, the National School Finance Study, and the Stanford Institute for Educational Finance and Governance, Washington, DC.
- Willms, J.D. (1977, November). *Community living for the mentally handicapped*. Keynote address presented to the British Columbia Conference for the Mentally Handicapped, Duncan, B.C.

RESEARCH GRANTS

- **New Brunswick Department of Health and Wellness** 2010
 \$115,000 per year for three years – school and district feedback reports
- **MITACS internship award** 2008
 \$15,000
- **Atlantic Lottery Corporation - Youth Gambling in Atlantic Canada**
 \$84,150
- **SSHRC + CIHR NCC funding for RDC's**
 \$63,000
- **SSHRC + CIHR NCC funding for RDC's** 2007
 \$63,000
- **HRSDC – Successful Transitions project** 2006
 \$500,000 over three years – Findings from the National Longitudinal Survey of Children and Youth.
- **MITACS internship award**
 \$15,000
- **St. Francis Xavier - Mapping of Literacy as a Determinant of Health**
 \$125,000
- **NBIF - Research Assistantships Initiative** 2005
 \$15,000 over 2005-2006 – New Brunswick Inventory of Education and Training Research.
- **NBIF - Research Assistantships Initiative**
 \$20,000 (\$10,000 over 2005-2006 and \$10,000 over 2006-2007) – Applying Assessment Data to Enhance Early Literacy Outcomes.
- **SSHRC – INE Public Outreach grants competition**
 \$28,000 – to develop CRISPfacts – short research summaries written for a wide audience and distributed via an email distribution list.
- **CIHR – Research Grant – Atlantic Health Promotion Research Centre** 2004
 \$325,000 over five years – Reconfiguring Physical and Social Environments to Improve Health: Research Infrastructure Development in Atlantic Canada.
- **CLLRN – Research Grant**
 \$50,000 in each of two years - Monitoring and Targeting Literacy Growth Trajectories at the K Level.
- **Health Canada – Federal Tobacco Control Strategy**
 \$410,000 over two years to launch and implement the anti-smoking mass media campaign “Spend Money on Living”

- **CIHR – Research Grant – Dalhousie** 2003
 \$180,000 over six years – Understanding Atlantic Rural Environments and Health.
- **SSHRC – INE Research Grant**
 \$3,000,000 grant over four years from the Social Sciences and Humanities Research Council of Canada.
- **SSHRC – INE Collaborative Research Initiatives**
 \$30,000 for development of full research proposal for competition due July 4, 2003.
- **SSHRC – INE Data and Statistics Seminars**
 \$105,000 grant over three years from the Social Sciences and Humanities Research Council of Canada.

- **CIAR – New Investigators Network** 2002
 \$200,000 grant from the Canadian Institute for Advanced Research.
- **Canada Research Chair in Human Development**
 \$200,000 grant to be given annually from the Social Sciences and Humanities Research Council of Canada until 2008-09.
- **Vulnerable Teens: A Study of Obesity, Poor Mental Health, and Risky Behaviours Among Adolescents in Canada**
 \$200,000 grant from the Canadian Institute for Health Information.
- **Human Development Program**
 \$50,000 grant from Social Sciences and Humanities Research Council of Canada.

- **CISS – Data Training Schools** 2001
 \$50,000 grant from Social Sciences and Humanities Research Council of Canada.
- **Spatial Variation in Health and Human Development**
 \$134,250 grant from GEOIDE Network.
- **National Longitudinal Study for Children and Youth (NLSCY) Research Centre**
 \$50,000 grant from Human Resources Development Canada.
- **Analysis of Data from the International Adult Literacy Survey and the International Life Skills Study**
 \$250,000 grant from Statistics Canada.
- **The Effects of Childbearing on Maternal Health and Well-Being and Children’s Cognitive and Behavioural Outcomes**
 \$15,000 grant from Human Resources Development Canada (Secondary researcher).
- **Thinking Again About School Drop-Outs**
 \$15,000 grant from Human Resources Development Canada (Secondary researcher).
- **Development of Scales Using NLSCY Data**
 \$20,000 grant from Human Resources Development Canada.
- **CISS – Data Training Schools**
 \$50,000 grant from Social Sciences and Humanities Research Council of Canada.

- **Domain-Specific Mathematics Achievement and Socioeconomic Gradients: An International Perspective** 1999
 \$25,000 (US) grant from the American Educational Research Association.
- **Importance of Neighbourhood Factors in Individuals' Health**
 \$55,000 grant from the Canadian Institute for Health Information, acting as Secretariat for the Canadian Population Health Initiative.
- **Children's Health in Vulnerable Communities**
 \$80,000 grant from the Canadian Institute for Health Information, acting as Secretariat for the Canadian Population Health Initiative.

- **Forecasting Hospital Utilization Rates in New Brunswick** 1998
 \$48,250 grant from the New Brunswick Health Care Association.

- **Training Project on Advanced Statistical Methods for Young Canadian Social Scientists** 1997
 \$38,000 grant from Human Resources Development Canada.
- **Evaluating Canadian Programs for Children at Risk: Partners for Youth as a Case Study**
 \$59,500 grant from The Hospital for Sick Children Foundation, Toronto, Ontario (Principal Investigator).
- **A Proposal to Review the Implementation of the Food and Nutrition Policy for New Brunswick Schools**
 \$10,000 contract from the New Brunswick Department of Education, Fredericton, New Brunswick (Co-Principal Investigator).
- **Literacy Skills of Canadian Youth. \$15,000 grant from Statistics Canada. (Principal Investigator)**

- **School and Community Effects on Children's Educational and Health Outcomes** 1996
 \$360,000 grant from the Spencer Foundation, Chicago, Illinois. (Principal Investigator).
- **Parental Involvement: What Works in Canada**
 \$7,500 grant from the New Brunswick Department of Education (Principal Investigator).
- **Evaluation Framework for Adolescents at Risk**
 \$12,000 grant from Partners for Youth, Fredericton, NB.
- **Literacy Skills of Canadian Youth**
 \$25,000 grant from Statistics Canada.
- **International Comparisons of Youth Literacy Skills**
 \$15,000 grant from Statistics Canada.

- **Indicators of Mathematics Achievement in Canadian Elementary Schools** 1995
 \$7,000 from Human Resources Development Canada.

- **The B.C. Elementary School Study** 1992
 \$150,000 grant from the Social Sciences and Humanities Research Council (Principal Investigator).

- **Hearing Impairment in the Carrier-Sekani Population** 1990
 \$138,000 grant from the Social Sciences and Humanities Research Council (Principal Co-investigator).
- **The Stability of Performance Indicators**
 \$8,500 grant from the US Spencer Foundation (Principal Investigator).
- **A School-Leavers Survey for Northern Ireland**
 \$7,500 grant from the Department of Education in Northern Ireland (Principal Investigator).

- **Standards, Tests, and Parental Choice: Preparing for Change** 1989
 \$46,000 grant from the Nuffield Foundation (Co-principal Investigator).
- **A Longitudinal Study of School Effects and Their Stability**
 \$42,000 grant from the UK Economic and Social Research Council (Principal Investigator).
- **The Analysis and Interpretation of Data on School Performance**
 \$42,000 grant from the Fife Regional Council (Principal Investigator).

- **Ethnic and Social Class Segregation in Israeli Schools** 1988
 \$4,144 grant from the Social Sciences and Humanities Research Council (Principal Investigator).
- **The Effects of School Mean Ability and Socioeconomic Status on Students' Examination Results** 1986
 \$34,795 grant from the Social Sciences and Humanities Research Council (Principal Investigator).
- **The Impact of Comprehensive Reorganization, 1965-1986** 1985
 \$3,325 grant from the Social Sciences and Humanities Research Council (Principal Investigator).
- **School Effectiveness in Scotland** 1983
 \$175,000 grant from the Scottish Education Department (Co-investigator).

MAJOR CONSULTANCIES

- **Statistics Canada** November 2001 to March 2003
 Prepared two thematic reports on school effectiveness based on data from the Programme for International Student Assessment (PISA).
- **Service de la recherche en éducation, Switzerland** July to November 2002
 Prepared a thematic report pertaining to the effects of family and school performance on student achievement in French- and Italian-speaking cantons.
- **Human Resources Development Canada** May 2002
 Prepared a summary paper describing the findings of the 2000-01 cycle of the Applied Research Branch project, *Understanding the Early Years*.

- **Human Resources Development Canada** January 2002
 Prepared a discussion paper for the HRDC life skills and training program, based on findings from the Programme for International Student Assessment (PISA).
- **United Nations, Education, Scientific, and Cultural Organization** November 2002 to March 2003
 Provided assistance to analysts from Argentina, Chile, Mexico, Peru, and Uruguay to develop national reports based on data from the Programme for International Student Assessment (PISA).
- **Human Resources Development Canada** May 2000 to November 2002
 Prepared twelve community reports on children's development for Applied Research Branch project, *Understanding the Early Years*.
- **Organization for Economic Cooperation of Development** May 2001 to present
 Prepared a thematic report on student dissatisfaction from school-based on data for 32 countries collected for the Programme for International Student Assessment (PISA).
- **Organization for Economic Cooperation of Development** May 2000 to December 2001
 Prepared a chapter for the first international report on PISA on the effects of families and schools on young people's literacy skills.
- **United Nations Education, Scientific, and Cultural Organization** March 1999 to March 2000
 Conducted analyses for Report on Schooling Outcomes, based on the *Primer Estudio Internacional Comparativo* (PEIC).
- **Australian Council for Educational Research** March 1997 to December 1999
 Lead Consultant in development of student and administrator questionnaires for the OECD Programme of Indicators of Student Achievement (PISA).
- **Human Resources Development Canada** May 1997 to August 1999
 Conducted analyses of data from the Canada's National Longitudinal Study of Children and Youth, as part of editing a volume entitled, *Vulnerable Children in Canada*.
- **Statistics in Canada and the World Bank** July to December 1998
 Analysis of data from the International Adult Literacy Study to describe literacy skills in Poland.
- **Northern Ireland Department of Finance** March to September 1998
 Analysis of data for Northern Ireland from the International Adult Literacy study to estimate sector differentials (Catholics and Protestants) in literacy skills.

- **National Academy of Sciences** November to December 1998
 Prepared a discussion paper on Assessment strategies for Title I of the Improving America's Schools Act for the Committee on Title I Testing and Assessment.
- **Organization for Economic Cooperation and Development** May to October 1997
 Prepared a chapter on the effects of families, schools, and the workplace on literacy skills in twelve OECD countries.
- **Organization for Economic Cooperation and Development** May to September 1996
 Country expert for Canada on OECD's "What Works in Education" initiative on parental involvement in schools.
- **Statistics Canada** October 1995, June 1996 and April 1997
 Developed and delivered training workshops on hierarchical linear modeling to statisticians and economists working at Statistics Canada.
- **B.C. Ministry of Education** March to April 1995
 Conducted an evaluation of the system used by the B.C. Ministry to monitor children's school performance.
- **Jordan Education Development Program, Amman, Jordan** March to October 1995
 Commissioned by the Harvard Institute for International Development to analyze Jordan's national database describing children's educational achievement. The consultancy also entailed training 15 researchers at the National Centre for Educational Research.
- **National Longitudinal Study of Children, Statistics Canada** May to October 1995
 Commissioned to write two plans for Canada's first major longitudinal study of children: one for the first wave of data (cross-sectional); one for subsequent waves of data (longitudinal).
- **District Primary Education Program, India** September 1994 to January 1995
 Commissioned by the World Bank to write an analysis plan for a large national study of school effectiveness in India, and to conduct an intensive training workshop on educational data analysis for 25 senior Indian researchers.
- **National Longitudinal Survey of Children** 1993 to 1994
 Member of the Technical Advisory Committees advising Human Resources Development on the design and analysis of a national longitudinal study of Canadian youth. I was commissioned to help develop the teacher and principal questionnaires.

- **Training Workshops for the Next Century Leadership Program** October 1994 to September 1995
 This program funded by the SOROS Foundation, provides training in leadership and school reform for school principals in Russia and the Newly Independent States. As part of this program, I have given workshops on testing and the monitoring of school performance.

Kharkov, Ukraine	October 1994
Tallinn, Estonia	November 1994
St. Petersburg, Russia	June 1995
Lvov, Ukraine	July 1995
St. Petersburg, Russia	September 1995

- **Training Program on Hierarchical Linear Models** October 1994
 Conducted a four-day workshop for educational researchers in Sweden on the theory and application of hierarchical linear models in educational research.

- **Adult Education and Training** 1993
 Report to the B.C. Government on the status of adult education and training in British Columbia.

- **Training of Ministry Researchers on Monitoring Performance** 1993
 Extensive workshop for the Ministry of Education, Singapore.

- **Social Support for Small B.C. Communities** 1990
 Assisted in the development of a proposal for research on social support to small B.C. communities. Submitted to the B.C. Department of Health and Welfare.

- **Monitoring School Effectiveness** 1988 to 1989
 Consultancy to Fife Education Authority, Scotland. The work entailed the design of a monitoring system that could be used in conjunction with the UK Government's new national testing program.

- **A Survey for School Leavers in Northern Ireland** 1989
 Wrote a proposal for the Northern Ireland Education Department outlining the requirements and costs of a national school-leavers survey. The Government is now implementing the survey.

VISITING PROFESSORSHIPS

- **Visiting Professor, Chulalongkorn University, Bangkok, Thailand** 1992
 Conducted three workshops for faculty and students on Hierarchical Linear Modeling, a specialized statistical technique. Gave a number of seminars and lectures to faculty and graduate students.

- **Visiting Professor, Duke University, Durham, NC** 1991
 Conducted research on schooling and performance indicators.

- **Visiting Professor, Tel Aviv University, Tel Aviv, Israel** 1987
Conducted research on hierarchical modeling and ability grouping in elementary schools.
- **Visiting Research Fellow, Edinburgh University, Edinburgh, Scotland** 1983 to 1993
Managed a research program on school effects and performance indicators over a ten-year period.