

T. Scott Murray
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I am interested in the role data plays in applying empirical research to matters of public policy, and in particular how to maximize the social return on investment in such studies. I have designed longitudinal studies and developed improved data products to support their use. As an example, I have generated small area estimates from national studies for use by local practitioners. I have much experience and interest in creating appropriate models for facilitating international collaboration in data development.

CURRENT ADVISORY POSITIONS

- Chair, Education Expert Group, Friends of the Chair, United Nations Statistical Division.
- International Study Director, International Adult Literacy Survey (IALS) and Adult Literacy and Lifeskills Survey (ALL)
- Senior Advisor, OECD strategy for adult skill assessment
- Board member, ABC Canada Literacy Foundation
- Board member, Canadian Language and Literacy Research Network
- Adjunct Professor, Centre for Research in Social Policy, University of New Brunswick

RECENT CONSULTING POSITIONS

- UNESCO - OREALC Laboratorio, evaluating educational quality
- World Bank, on the design and utilization of educational assessment systems

EMPLOYMENT

- 2006 - 2007 **Senior Advisor, Human Resources in Science and Technology, Statistics Canada**
Responsible for developing and implementing a strategy for data development, analysis, dissemination, and communication for highly qualified personnel in science and technology fields.
- 2005 - 2006 **Director, Learning Outcomes, UNESCO Institute for Statistics**
Responsible for a global program of adult and student skill assessment to serve a range of national and international policy purposes. The focus of the program is on educational quality and equity with a view to bridging the knowledge-practice gap and in transferring advanced measurement and analytic technology in developing countries.
- 1999 - 2005 **Director General, Institutions and Social Statistics, Statistics Canada**
Responsible for managing a full range of official statistics related to health, education, culture, tourism and justice. Annual program budgets exceed \$50,000,000 with a staff of 400 +. Primarily responsible for strategic direction and communication with key stakeholders. Active with UNESCO, UNSD, and OECD in efforts to improve the validity, reliability, and comparability of official statistics at the international level. Active in bringing coherence and meaning to measures of student and adult achievement.

- 1997 - 1998 **Director, Culture, Tourism and the Centre for Education Statistics**
- 1994 - 1997 **Director, Special Surveys Division, Labour and Household Surveys Branch, Statistics Canada**
- 1989 - 1993 **Assistant Director, Household Surveys Division, Labour and Household Surveys Branch, Statistics Canada**
- 1975 - 1989 **Project Manager, Household Surveys Division, Labour and Household Surveys Branch, Statistics Canada**

RECENT PUBLICATIONS

- T. S. Murray (2005) **“Aspects of Human Capital and the Knowledge Economy: Challenges for Measurement”**, Eurostat, Luxembourg
- T.S. Murray (2005) **“Human Capital, ICT’s and Literacy: Evidence from Large-scale Assessment”**, Inter-American Development Bank, Washington
- T.S. Murray, Binkley, M. and Clermont, Y. (2004) **“The Adult Literacy and Life Skills Survey: New Frameworks for Assessment”**, Statistics Canada, Ottawa
- T.S. Murray and I. Gal (2003) - **“Preparing for Diversity in clients’ needs and statistics literacy: Institutional and education implications in Journal of Official Statistics”**, Stockholm.
- T.S. Murray (2003) **“The Assessment of Literacy, Numeracy, and Language at the International Level”**, U.S. National Academy of Sciences, Washington.
- T.S. Murray, (2003) - **“Reflections on international competence assessments” in “Key Competencies for a Successful Life and a well-functioning Society”**, D.S. Rychen and L.H. Salganik (eds.), Hogrefe and Huber, Bern.
- T.S. Murray (2002) - **“Measuring Lifelong Learning: Future Needs and Demands from the Producers Perspective in “14th CEIES” Seminar Measuring Lifelong Learning, Eurostat, Luxembourg.**
- T.S. Murray (2002) - **“Training Cycles and Skill for New Learning Activities: The Case for Portugal”**, in Cruzamentode Saberes Aprendizagens Sustentáveis, fundação Calouste Gulbenkian, Lisbon. An assessment of the Statistical Indicators derived from United Nations Summit Meetings, Friends of the Chair of the United Nations Statistical Commission, N.Y., N.Y.
- T.S. Murray, D. Wagner, R. Venezky and B. Street (1999) - **“International Adult Literacy Household Survey Methods” in “Literacy: An International Handbook”**, (eds.), Westview Press, Boulder.
- T.S. Murray, A. Tuijnman, I. Kirsch and D. Wagner (1999) - **“Proxy Measurement of Adult Basic Skills: Lessons from Canada” in “Adult Basic Skills: Innovations in Measurement and Policy Analysis”**, (eds.), OECD and National Center for Adult Literacy, University of Pennsylvania, Hampton Press, Cresskill.
- T.S. Murray, I. Kirsch and L. Jenkins (1998) - **“Adult Literacy in OECD Countries: Technical Report on the first International Adult Literacy Survey”**, eds, U.S. National Center for Education Statistics.