

# RICHARD GILBERT

## CURRICULUM VITAE

September 2009

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### Overview

**Richard Gilbert has had a long and varied career as a high-school teacher, university professor, government scientist, ‘big-city’ politician, corporate CEO, and, for last 16 years, consultant focusing on transportation, energy, and urban issues.** As a consultant, he has worked chiefly for the Paris-based Organization for Economic Cooperation and Development (OECD) as well as for numerous other clients in Europe, North America, and Asia. The present curriculum vitae mostly concerns the last 16 years. Some earlier achievements are noted.

**Richard Gilbert’s recent work has focused chiefly on the intersection of two areas of profound economic, social, and environmental significance: transportation and energy.** Its recent expression is the book, *Transport Revolutions: Moving People and Freight Without Oil*, written with Anthony Perl (published in December 2007 in Europe and February 2008 in North America, with a second edition due early in 2010). This work touches human concerns at every scale, from household activities through urban settlement arrangements to the geopolitics of trade. Other current and recent work includes writing the 94-page *Electric Vehicle Technology Roadmap for Canada* for the federal government and an industry steering committee, serving as the transportation expert in a team engaged to prepare a long-term plan for Canada’s National Capital Region, and developing, for the Public Health Agency of Canada, guidelines for child- and youth-friendly transportation and land-use planning for each of the ten provinces.

**He brings to his present work a strong sense of social and political issues and their implications, founded in earlier service as an elected official and as president of the Federation of Canadian Municipalities and of the Canadian Urban Institute.** From 1976 to 1991, he was a local and regional councillor, elected six times to represent what was then Toronto’s—and perhaps Canada’s—most multicultural constituency of some 80,000 residents. His leadership has also been evident in tenure as Chief Executive Officer of the Toronto District

Heating Corporation (now Enwave Energy Corporation, which manages North America's largest district energy system).

Richard Gilbert has a 1966 Ph.D. in experimental psychology (Queen's University of Belfast) and qualified as a clinical psychologist in 1974. In the 1960s and 1970s he taught psychology at universities in Ireland, Scotland, the U.S., Canada, and Mexico. In the 1990s, he taught urban governance at Toronto's York University and in 2006 at Vancouver's Simon Fraser University.

As well as the above-mentioned book, Richard Gilbert was the lead author of *Making Cities Work: The Role of Local Authorities in the Urban Environment*, one of three books commissioned by the United Nations Centre for Human Settlements for the 1996 Habitat II conference.

Richard Gilbert's extensive publication record in peer-reviewed journals goes back to 1966. Most recently, he has authored or co-authored articles in *International Journal of Sustainable Transportation*, *Energy Policy*, *Journal of Urban Technology*, *Canadian Public Administration*, *Berkeley Planning Journal*, *Ekistics Journal*, and *World Transport Policy & Practice*. He has authored or co-authored twelve books in addition to the two noted above, many book chapters, numerous major reports for OECD (which has a strong peer review process) and for other clients, and a considerable number of more popular newspaper and magazine articles.

## Degrees

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|--------------------|---|
| Ph.D. (1966)       | Queen's University of Belfast, Northern Ireland, in experimental psychology.              |
| M.Sc. (1964)       | Queen's University of Belfast, Northern Ireland, in experimental psychology               |
| B.Sc. Hons. (1962) | University College London, England, major in psychology, minor in mathematics and physics |

## Professional qualification

Registered Clinical Psychologist in the Province of Ontario (1974)

## Main positions held

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|-----------|--|
| 1993-2009 | Independent consultant, specializing in transportation, energy, and urban governance |
| 1990-1993 | (first) President and Chief Executive Officer, Canadian Urban Institute              |

- 1976-1991 City of Toronto and Metropolitan Toronto Councillor
- 1968-1991 Research scientist then consultant, Addiction Research Foundation of Ontario
- 1962-1968 Assistant Lecturer then Lecturer in psychology (equivalent to assistant professor), Queen's University of Belfast, N. Ireland, and University of Aberdeen, Scotland

### Other positions held

- 1997-2009 (part-time) Managing director, then Research director, now Research associate, The Centre for Sustainable Transportation (now at the University of Winnipeg)
- 1993-2006 Consultant, Environment Directorate, Organization for Economic Cooperation and Development (OECD)
- 2003-2006 Professeur associé (adjunct professor), Centre d'études en règlement économique et financière (CEREF), Faculté d'administration, Université de Sherbrooke
- 2001-2003 Consultant, Civic Exchange, Hong Kong
- 1986-1987 President, Federation of Canadian Municipalities (FCM's 50th anniversary year)
- 1982-1989 (first) Chair and Chief Executive Officer, Toronto District Heating Corporation
- 1958-1959 Physics and math teacher, Sir Walter St. John's Grammar School, London, UK

### University-level teaching (only full courses are listed)

- Graduate course in urban governance, Simon Fraser University, Vancouver, 2006
- Graduate courses in urban governance, York University, Toronto, 1992-1993
- Undergraduate course in psychology, National University of Mexico, Mexico City, 1973
- Undergraduate courses in psychology, University of Toronto, 1970-1972
- Undergraduate courses in psychology, York University, Toronto, 1969-1971
- Undergraduate course in psychology, University of Tennessee, Knoxville, 1967
- Numerous undergraduate courses in psychology, Aberdeen University, Scotland, 1964-1968
- Numerous undergraduate courses in psychology, Queen's University of Belfast, 1962-1964

## Publications since 1992

### Books published since 1992

*Transport Revolutions: Moving People and Freight Without Oil* by Richard Gilbert and Anthony Perl. Earthscan, London, UK, 2008. ISBN 9781844072484. The substantially updated second (paperback) edition is being published early in 2010 by New Society Publishers, Gabriola Island, BC. [A Web site associated with this book is at [www.transportrevolutions.info](http://www.transportrevolutions.info).]

*Policy Instruments for Achieving Environmentally Sustainable Transport*. Organization for Economic Cooperation and Development, Paris, France, 2002. ISBN 9264198261. [Richard Gilbert was the principal author of this anonymously published book.]

*OECD Guidelines towards Environmentally Sustainable Transport*. Organization for Economic Cooperation and Development, Paris, France, 2002, ISBN 9264199128. [Richard Gilbert was the principal author of this anonymously published book.]

*Sustainable Transport in Hong Kong: Directions and Opportunities* by Bill Barron, Simon Ka-wing Ng, Christine Loh, and Richard Gilbert. Civic Exchange and The Asia Foundation, Hong Kong, 2002.

*Synthesis Report on Environmentally Sustainable Transport: Futures, Strategies, Best Practices*. (Organization for Economic Cooperation and Development, Paris, France, and Federal Ministry for Agriculture, Forestry, Environment and Water Management, Vienna, Austria, 2000. ISBN 3902010452. [Richard Gilbert was the principal author of this anonymously published book.]

*Towards Sustainable Transportation: The Vancouver Conference*. Organization for Economic Cooperation and Development, Paris, France, 1997. ISBN 9264155732. [Richard Gilbert was the principal author of this anonymously published book.]

*Sustainable Transportation/Le transport durable*, No. 2 in the *Sustainable Development in Canada* monograph series produced by the federal government in connection with Canada's participation in the 5th session of the UN Commission on Sustainable Development, Public Works and Government Services Canada, Ottawa, Ontario, 1997. ISBN 0662628942. [Richard Gilbert was the author of this anonymously published bilingual document.]

*Making Cities Work: The Role of Local Authorities in the Urban Environment* by Richard Gilbert, Don Stevenson, Herbert Giradet, and Richard Stren. Earthscan, London, UK, 1996. ISBN 9781853833540. [This book was also published in French in 1997 as *Pour des villes durables : Le rôle des autorités locales dans l'environnement urbain* by Fédération Mondiale des Cités Unies, Paris, France.]

*Towards Clean Transport: Fuel-efficient and Clean Motor Vehicles*. Organization for Economic Cooperation and Development, Paris, France, 1996. ISBN 9264148205. [Richard Gilbert was the principal author and editor of this anonymously published book.]

*Reconciling Transportation, Energy, and Environmental Issues: the Role of Public Transport*, 1995. Organization for Economic Cooperation and Development and International Energy

Agency, Paris, France, 1995. ISBN 9264144110. [Richard Gilbert was the principal author and editor of this anonymously published conference report.]

### **Book chapters published since 1992**

- ‘Municipal associations’ by Don Stevenson and Richard Gilbert. In *Language Matters: How Canadian Voluntary Associations Manage English and French*, edited by David Cameron and Richard Simeon. University of British Columbia Press, ISBN 9780774815031, pp. 74-94, 2009.
- ‘Declining oil production as a catalyst for high-speed rail in North America’ by Anthony Perl and Richard Gilbert. In *Proceedings of the 11th World Conference on Transport Research* (held at the University of California, Berkeley). World Conference on Transport Research, Lyon, France, 2008.
- ‘Soft Measures and Transport Behaviour’ by Richard Gilbert. In *Communicating Environmentally Sustainable Transport*. Organization for Economic Cooperation and Development, Paris, France, 2004. ISBN 9264106634, pp. 123-179. [This book was anonymously edited.]
- ‘How energy constraints could ensure a major role for tethered vehicles in Canada’s next transport revolution’ by Richard Gilbert and Mee-Lan Wong. In *Transportation Revolutions: Proceedings of the 39th Annual Conference*, Canadian Transportation Research Forum, University of Saskatchewan, 2004. ISSN 11832770, pp. 221-235.
- ‘How a transport futures assessment could facilitate Canada’s next transportation revolution’ by Anthony Perl and Richard Gilbert. In *Transportation Revolutions: Proceedings of the 39th Annual Conference*, Canadian Transportation Research Forum, University of Saskatchewan, 2004. ISSN 11832770, pp. 283-295.
- ‘Integrity of land-use and transportation planning in the Greater Toronto Area’ by Richard Gilbert. In *The Integrity Gap: Canada’s Environmental Policy and Institutions* edited by Eugene Lee and Anthony Perl, University of British Columbia Press, 2003. ISBN 9780774809856, pp. 192-217.
- ‘Aspects of public transport in London, Singapore, and Tokyo that illuminate competition issues concerning Hong Kong’s public transport’ by Richard Gilbert. In *Competition in Public Transport* edited by Lisa Hopkinson. Civic Exchange, Hong Kong, 2003, pp. 32-49.
- ‘Social implications of sustainable transport’ by Richard Gilbert. In *Social Change and Sustainable Transport* edited by William Black and Peter Nijkamp. Indiana University Press, Bloomington, Indiana, 2002. ISBN 0253340675, pp. 63-69.
- ‘Sustainable transportation’ by Richard Gilbert. In *Encyclopaedia of Global Environmental Change*, Volume 4, edited by E.R. Munn. Wiley & Co, London, UK, 2001. ISBN 0471977969, pp. 426-435.

- ‘Governance and economic performance: the Montreal, Toronto, and Vancouver regions’ by Richard Gilbert and Don Stevenson. In *Cities for Citizens: Improving Metropolitan Governance*, Organization for Economic Cooperation and Development, Paris, France, 2001. ISBN 9264185984, pp. 199-241. [This book was anonymously edited.]
- ‘Environmental and resource aspects of self-sufficiency for the Toronto region’ by Richard Gilbert. In *Toronto: Considering Self-government* edited by Mary Rowe. Ginger Press, Owen Sound, Ontario, 2000. ISBN: 0921773501, pp. 21-32.
- ‘Reducing automobile use in urban areas by reducing automobile ownership: the EANO principle’ by Richard Gilbert. In *L’avenir des déplacements en ville*, Tome 2, edited by Odile Andan, Bruno Faivre d’Arcier, and Martin Lee-Gosselin. Laboratoire d’économie des transports, Lyon, France, 2000, pp. 31-47.
- ‘Fusion des municipalités de Toronto’ by Don Stevenson and Richard Gilbert. In *Les regroupements municipaux: un mode de gestion et une stratégie de développement?* edited by Jacques Gagnon. Université de Sherbrooke, Centre d’excellence en gestion du développement local, Sherbrooke, Quebec: 2000, pp. 71-85.
- ‘Environment’. Chapter 7 in *Transportation in Canada 1997: Annual Report*, Public Works and Government Services Canada for Transport Canada, Ottawa, 1998, pp. 97-104. [Richard Gilbert authored the indicated chapter of this anonymous report.]
- ‘Holding the centre: Downtown Toronto and the Toronto Region’ by Richard Gilbert. In *Toronto Region in the World Economy* edited by Engin F. Isin, York University, Toronto, Ontario, 1994. ISBN 9781550142266.
- ‘Automobiles and the city: Impact on the environment and the economy’ by Richard Gilbert. In *Canada e Italia verso il 2000: Metropoli a confronto* edited by Luigi Bruti Liberati and Massimo Rubboli, Schena Editore, Milan, Italy, 1994.
- ‘The Urban Planning System in the Greater Toronto Area. Part 1, The Institutional and Legislative Framework’ by Richard Gilbert, Don Stevenson, and Pino Di Maschio. In *International Comparative Research on Urban Planning Systems and Development Achievements in Selected North American Cities* edited by Kiyotaka Hayashi. Nagoya Centre for Urban Advancement, Nagoya, Japan, 1994.
- ‘The Urban Planning System in the Greater Toronto Area. Part 2, Endeavours towards Coordination and Reform’ by Richard Gilbert, Don Stevenson, and Pino Di Maschio. In *International Comparative Research on Urban Planning Systems and Development Achievements in Selected North American Cities* edited by Kiyotaka Hayashi. Nagoya Centre for Urban Advancement, Nagoya, Japan, 1994.
- ‘Cities and Global Warming’ by Richard Gilbert. In *Cities and Global Change* edited by J. McCulloch, Climate Institute, Washington DC, 1992, pp.182-190.

**Other peer-reviewed items published since 1992: scholarly articles and OECD reports**

- 'Grid-connected systems for sustainable transport in developing countries' by Richard Gilbert. *International Journal of Sustainable Transportation*, 3(2), 110-121, 2009.
- 'Hamilton, Ontario: Towards a paradigm of energy-first planning' by Richard Gilbert. *Journal of Urban Technology*, 14(2), 103-121, 2007.
- 'Grid-connected vehicles as the core of future land-based transport systems' by Richard Gilbert and Anthony Perl. *Energy Policy*, 35, 3053-3060, 2007.
- 'Sustainability and Transport' by Richard Gilbert. *Berkeley Planning Journal*, 19, 189-194, 2006.
- Globalisation, Transport, and the Environment* by Richard Gilbert. Organization for Economic Cooperation and Development, Paris France, 2006. 57 pages.
- 'Coping with Canadian Federalism: The Case of the Federation of Canadian Municipalities' by Don Stevenson and Richard Gilbert. *Canadian Public Administration Journal*, 48(4), 528-551, 2005.
- 'Tethered Vehicle Systems for Sustainable Cities' by Richard Gilbert. *Ekistics Journal*, 71(427-429), 228-232, 2004.
- Leisure Travel, Tourism Travel, and the Environment* by Richard Gilbert. Organization for Economic Cooperation and Development, Paris France, 2006. 24 pages.
- 'Environmentally Sustainable Transport (EST): Concept, goal, and strategy – The OECD's EST Project' by Peter Wiederkehr, Richard Gilbert, Philippe Crist, and Nadia Caïd. *European Journal of Transport Infrastructure and Research*, 4(1), 11-25, 2004.
- Scenarios for Environmentally Sustainable Transport: Volume 1, Synthesis Report*. Organization for Economic Cooperation and Development, Paris, France, 1999, 100 pages. [Richard Gilbert was the principal author of this anonymously published report.]
- 'Reduced car ownership as a route to clean transport' by Richard Gilbert. *World Transport Policy & Practice*, 4(3), 21-26, 1998.

**Major items produced since 1992 and not included above (mostly reports prepared for clients other than OECD)**

- Situational Analysis for the Current State of Electric Vehicle Technology* by Fleet Technology Partners and Richard Gilbert, June 2008, prepared for Natural Resources Canada and Canadian Electric Vehicle Industry Steering Committee, 32 pages.

*Hamilton: The Electric City* by Richard Gilbert. April 2006. Prepared for the City of Hamilton, 76 pages.

*Electricity Metering and Social Housing in Ontario* by Richard Gilbert. April 2006. Prepared for Ontario's Social Housing Services Corporation, 51 pages.

*Action Plan for Electric Mobility in Canada* by Richard Gilbert. December 2005. Prepared for the Centre d'expérimentation des véhicules électriques du Québec and the Centre for Sustainable Transportation, 45 pages.

*Energy and Transport Futures* by Richard Gilbert and Anthony Perl. June 2005. Prepared for the National Round Table on the Environment and the Economy (Canada), 96 pages.

*Sustainable Transportation Monitor* by Richard Gilbert. Issue No. 11, June 2005. Prepared for the Centre for Sustainable Transportation, 9 pages.

*Child- and Youth-Friendly Land-Use and Transport Planning Guidelines (Ontario)* by Richard Gilbert and Catherine O'Brien. April 2005. Prepared for the Centre for Sustainable Transportation, 72 pages. [A revised version of this document was produced in March 2009. Versions for each of the other provinces are in preparation for completion by March 2010. See the project's Web site at [www.kidsonthemove.ca](http://www.kidsonthemove.ca).]

*Defining Sustainable Transportation* by Richard Gilbert. March 2005. Prepared for Transport Canada and the Centre for Sustainable Transportation, 22 pages.

'International Comparisons' by Richard Gilbert. 2005. Section 7 of *Urban Transportation Indicators: Third Survey*. Two-volume CD-ROM produced by the Transportation Association of Canada.

*Issue Exploration: Urban Transportation* by Richard Gilbert and Neal Irwin. July 2004. Prepared for the National Round Table on the Environment and the Economy (Canada), 48 pages.

*Sustainable Transportation Monitor* by Richard Gilbert. Issue No. 10, June 2004. Prepared for the Centre for Sustainable Transportation, 22 pages. [This publication is also available in French.]

*Sustainable Transportation Monitor* by Richard Gilbert. Issue No. 9, December 2003. Prepared for the Centre for Sustainable Transportation, 11 pages. [This publication is also available in French.]

*Kids on the Move in Halton and Peel*, by Catherine O'Brien and Richard Gilbert. October 2003. Prepared for the Centre for Sustainable Transportation, 38 pages.

*Greater Toronto Area Comparisons* by Richard Gilbert. May 2003. Prepared for the Neptis Foundation, 16 pages.

*Sustainable Transportation Monitor* by Richard Gilbert. Issue No. 8, April 2003. Prepared for the Centre for Sustainable Transportation, 13 pages. [This publication is also available in French.]

*Energy and Smart Growth* by Richard Gilbert. 2003. Prepared for the Neptis Foundation, 35 pages.

*Sustainable Transportation Indicators Project* by Richard Gilbert, Neal Irwin, Brian Hollingworth, and Pamela Blais. December 2002. Prepared for the Centre for Sustainable Transportation, 125 pages.

*Funding Urban Transit Wisely* by Richard Gilbert. May 2002. Prepared for the Federation of Canadian Municipalities. 4 pages.

*Making Manitoba's transportation more sustainable* by Richard Gilbert. February 2002. Prepared for the Centre for Sustainable Transportation and the Government of Manitoba, 39 pages

*Sustainable Transportation Monitor* by Richard Gilbert. Issue No. 7, October 2002. Prepared for the Centre for Sustainable Transportation, 12 pages.

*Sustainable Transportation Monitor* by Richard Gilbert and Anthony Perl. Issue No. 6, May 2002. Prepared for the Centre for Sustainable Transportation, 14 pages. [This publication is also available in French.]

*Electrifying Hong Kong: Making Transport Sustainable*, by Richard Gilbert. 2002. Prepared for Civic Exchange and the Asia Foundation, Hong Kong, 97 pages. [This publication is also available in Chinese.]

*Sustainable Transportation Monitor* by Richard Gilbert. Issue No. 5, November 2001. Prepared for the Centre for Sustainable Transportation, 16 pages. [This publication is also available in French.]

*Sustainable Transportation Monitor* by Richard Gilbert. Issue No. 4, April 2001. Prepared for the Centre for Sustainable Transportation, 8 pages. [This publication is also available in French.]

*State of the GTA 2000* by Pamela Blais, Richard Gilbert, Larry Bourne, and Meric Gertler. 2001. Prepared for the Greater Toronto Services Board, 134 pages. [Richard Gilbert was the author of eight of this report's fourteen substantive chapters.]

*Information Technology, Transportation, and the Environment* by Agritrade and Transport (Darrell Richards and Javier Caceres), Richard Gilbert, and Metropole Consultants (Pamela Blais). September 2000. Prepared for Environment Canada, 36 pages.

*Sustainable Transportation Performance Indicators: Review and initial development* by Richard Gilbert and H el ene Tanguay. June 2000. Prepared for the Centre for Sustainable Transportation, 59 pages.

*Urban land management and global sustainability* by Richard Gilbert, Heather Wood, and Jeb Brugmann. April 2000. Prepared for the International Council for Local Environmental Initiatives and commissioned by the United Nations Commission on Sustainable Development for its 8th session, 55 pages.

*Sustainable Transportation Monitor* by Richard Gilbert. Issue No. 3, March 2000. Prepared for the Centre for Sustainable Transportation, 18 pages. [This publication is also available in French.]

*Economic Competitiveness, Urban Form, and Environmental Sustainability: Toward a Green Economy Plan for the City of Toronto* by Metropole Consultants (Pamela Blais) and Richard Gilbert, Appendix A to the City of Toronto's *Green Economy Plan*. October 1999. Prepared for the City of Toronto, 43 pages.

*Restructuring Municipal Government in Greater Toronto: Amalgamation to form the New City of Toronto and Creation of the Greater Toronto Services Board* by Don Stevenson and Richard Gilbert. July 1999. Prepared for the City of Montreal, 43 pages.

*Municipalities in Great Lakes* by Richard Gilbert and Don Stevenson. February 1999. Prepared for Environment Canada, 22 pages.

*Sustainable Transportation Monitor* by Richard Gilbert. Issue No. 2, February 1999. Prepared for the Centre for Sustainable Transportation, 18 pages. [This publication is also available in French.]

*Sustainable Transportation*, a document in the series *Inquiries for a Sustainable Future*. April 1998. Prepared for the organization Learning for a Sustainable Future, 22 pages.

*Sustainable Transportation Monitor* by Richard Gilbert. Issue No. 1, March 1998. Prepared for the Centre for Sustainable Transportation, 16 pages. [This publication is also available in French.]

*Benchmarking and Best Practices Programs for Canadian Municipalities* by Richard Gilbert and Evelyn Ruppert. June 1997. Prepared for the Federation of Canadian Municipalities, 41 pages.

*Reducing Urban Air Pollution in APEC Economies: Transportation and the Roles of Local Government* by Richard Gilbert. Issues for APEC, No. 4. Asia Pacific Foundation of Canada, Vancouver, BC, 1997, ISSN 12045284, 40 pages.

*Central Area Location Study* by Richard Gilbert and Penny Pepperell. November 1994, Prepared for the City of Toronto Planning Department, 47 pages.

*Cities without Cars*. September 1994. Prepared for the Canadian Urban Institute, 67 pages. [Richard Gilbert was the principal author of this report.]

*Background Paper with respect to the Question on the Ballot*. August 1994. Prepared for the City of Toronto, 13 pages. [Richard Gilbert and Don Stevenson were the authors of this anonymously published document, which was available in English and eight other languages.]

*Carbon Dioxide Reduction Options for Ontario* by Jack Gibbons, Richard Gilbert, Greg Jenish, and Bruce Lourie. August 1994. Canadian Institute for Environmental Law and Policy, Toronto, Ontario.

'Does Sustainable Transportation mean Cities without Cars?' by Richard Gilbert. 1994. In *The Intensification Report*, #11, Canadian Urban Institute. ISSN 11926961.

'Taxing for a Purpose' by Richard Gilbert and Penny Pepperell. 1994. In *The Intensification Report*, #8, Canadian Urban Institute. ISSN 11926961.

*Attracting, Sustaining, and Keeping Business in Downtown Toronto* by Richard Gilbert. February 1993. Prepared for the Canadian Urban Institute, 20 pages.

*Framework for the Assessment of the Impact of the Metropolitan Toronto Corporation* by Richard Gilbert and Don Stevenson. May 1993. Prepared for the Metropolitan Toronto Corporation, 88 pages.

*Cooling Buildings in Downtown Toronto* by Richard Gilbert and Gillian Mason. February 1993. Prepared for the Canadian Urban Institute. ISBN 1895446031, 50 pages.

*Disentanglement in Several Jurisdictions: Comparisons with Ontario* by Richard Gilbert and Don Stevenson, January 1993. Prepared for the Ontario Ministry of Municipal Affairs. ISBN 1895446015, 100 pages.

'The City of Toronto Main Street Program' by Richard Gilbert. 1993. In *The Intensification Report* No. 2, Canadian Urban Institute. ISSN 11926961.

*Municipal Government in the Greater Toronto Area: Structure, Function, Issues, and Intergovernmental Relations* by Richard Gilbert and Don Stevenson. September 1992. Canadian Urban Institute. ISBN 1895446422, 144 pages.

*72 Questions about Issues in the Greater Toronto Area*. September 1992. Prepared for the Canadian Urban Institute. ISBN 1895446449, 85 pages. [This anonymously authored report was written by Richard Gilbert and Don Stevenson.]

*Issues in Infrastructure Financing* by Richard Gilbert, April 1992. Prepared for the Government of Ontario's Fair Tax Commission, 29 pages.

*Sources of Revenue other than Property Tax presently available to Municipalities and School Boards* by Richard Gilbert. February 1992. Prepared for the Government of Ontario's Fair Tax Commission, 12 pages.

### **Shorter items published since 1992, mostly of a popular nature**

'Planning for needs of children and youth' by Richard Gilbert and Catherine O'Brien, *Municipal World*, 119(7), July 2009, 15-18.

'Transport revolutions – how to fuel transport once oil supplies dwindle' by Richard Gilbert and Anthony Perl. *Energy World*, No. 360, May 2008, 10-11.

'Revitalizing Union Station: A Toronto showpiece for an emerging railway age' by Richard Gilbert, *Toronto Star*, January 29, 2008.

- 'Review of George Monbiot's *Heat: How to Stop the Planet Burning* by Richard Gilbert, *Literary Review of Canada*, March 2007.
- 'To Incinerate or not to incinerate' by Richard Gilbert, *Alternatives Journal*, 33(2-3), 47-49, 2007.
- 'Building subways without subsidies' by Richard Gilbert, *Toronto Star*, August 28, 2006.
- 'Putting the walk back into sidewalk' by Gordon Brown and Richard Gilbert, *Toronto Star*, June 14, 2006.
- 'To the transport barricades' by Richard Gilbert and Anthony Perl, *Globe & Mail*, December 2, 2005.
- 'Let's reroute our energy strategy' by Richard Gilbert, *Globe & Mail*, October 17, 2005.
- 'Demonizing SUVs lets the real devils go free' by Richard Gilbert, *Globe & Mail*, September 16, 2004.
- 'Peeved at the pump?' by Richard Gilbert, *Globe & Mail*, May 11, 2004.
- 'Burn, baby, burn' by Richard Gilbert, *Globe & Mail*, October 22, 2003.
- 'Let's give the United Nations an Asian home' by Richard Gilbert, *South China Morning Post*, July 12, 2003.
- 'Hong Kong is the model for high density' by Richard Gilbert, *Alternatives*, 29(3): 16, 2003.
- 'Will the last one out ...' by Richard Gilbert, *Globe & Mail*, May 22, 2003.
- 'One lost idea whose time has come again' by Richard Gilbert, *Globe & Mail*, November 11, 2002.'
- 'Where are all the voters?' by Richard Gilbert, *Globe & Mail*, November 15, 2000.
- 'Turning back the clock in an old jalopy. Review of *The All-Red Route: From Halifax to Victoria* by John Nichol' by Richard Gilbert, *Globe & Mail*, December 4, 1999.
- 'Make Toronto the 11<sup>th</sup> province' by Richard Gilbert, *Globe & Mail*, November 26, 1999.
- 'Incineration in Canada: Prospects for energy-from-waste' by Richard Gilbert in *Solid Waste Management*, October-November 1998.
- 'Can cities survive the car? Review of *Asphalt Nation* by Jane Holtz Kay and *The City after the Automobile* by Moshe Safdie with Wendy Kohn' by Richard Gilbert, *Globe & Mail*, August 16, 1997.
- 'Megacity scheme needs fine-turning' by Richard Gilbert, *Toronto Star*, January 27, 1997.

'Comparing energy-from-waste and landfill facilities' by Richard Gilbert, in *Hazardous Materials Management*, March-April 1996.

'Transports et urbanisation dans la Région de Toronto: défis pour les planificateurs en transport' par Richard Gilbert, dans *Routes et transports*, septembre 1996.

'Next step: Focus on GTA reform' by Richard Gilbert, *Toronto Star*, December 19, 1996.

'It's time to mine municipal creativity' by Richard Gilbert, *Toronto Star*, September 7, 1993.

'Cities and drugs' by Richard Gilbert, *The Journal*, Addiction Research Foundation of Ontario, Toronto, February-March 1992.

## Selected Invited presentations since 1992

### *High-speed rail in Canada*

Presentation to the House of Commons Standing Committee on Transport, Infrastructure and Communities, Ottawa, June 9, 2009.

### *Transport revolutions*

Keynote presentation at the Annual Meeting of the Canadian Association of Municipal Fleet Managers, May 28, 2009.

*Engineering young people's travel: Transit and school bus use* and *Engineering young people's travel: Car travel, walking, and cycling*. Two presentations made at the National Engineering Summit, May 19-21, 2009.

*Child and youth friendly land use and transportation planning guidelines*. Presentation made to the Ontario Professional Planners Institute, Toronto, April 16, 2009, and to the Americana 2009 conference, Montreal, March 16-18, 2009.

*Preparing transport for oil depletion*. Presentation at a conference on Michigan's Future: Energy, Economy, and Environment, Thompsonville, Michigan, November 14-16, 2008.

*Oil depletion and urban freight transport*. Presentation at a conference entitled Transforming Transportation, organized by the Durham Strategic Energy Alliance, Ajax, Ontario, September 25, 2008, and also at the Annual Conference of the Transportation Association of Canada, Toronto, September 23, 2008.

*Preparing transport in China—and the rest of the world—for oil depletion*. Presentation at the China Academy of Transportation Sciences, Beijing, September 11, 2008, and also at the Third World Forum on China Studies, Shanghai, September 8-9, 2008.

*Electrifying Hong Kong: Six years later.* Presentation at the Foreign Correspondents Club, Hong Kong, arranged by Civic Exchange and MTR Corp., September 5, 2008.

*Transport innovation as a determinant of Vancouver's 'world-city' potential in a carbon-constrained future.* Presentation by Anthony Perl and Richard Gilbert to the conference Making Great Vancouver a World City, arranged by the School of Public Administration, University of Victoria, June 20, 2008.

*Oil depletion and the future of aviation.* Presentation to the Environmental Effects of Aviation Committee of the US Transportation Research Board, Toronto, May 29, 2008.

*Preparing Transport for Oil Depletion: Focus on China and the U.S.*  
Presentations at the following UK universities and institutions: Universities of Kent, Leeds, Newcastle, Oxford, and York, and Imperial College London and University College London, January 29-February 6, 2008.

*Preparing Transport for Oil Depletion*  
Presentation to an All-Party Group of the UK Houses of Parliament, January 28, 2008.

*Transport Revolutions: Moving People and Freight Without Oil*  
Presentation to Hamiltonians for Progressive Development, January 10, 2008.

*Energy-first planning in Hamilton, Ontario*  
Presentation to a workshop entitled 'Cities, Energy, and the Post-oil Paradigm', City University of New York, December 7, 2007.

*Towards a Case for Electric Mobility in Canada*  
Keynote presentation at the Annual General Meeting of Electric Mobility Canada, Mount Tremblant, Quebec, October 2, 2007.

*Oil Depletion and Transport Revolutions*  
Presentation to City of Vancouver officials, City Hall, Vancouver, June 22, 2007.

*Smart Meters and Social Housing*  
Presentation made for Ontario's Social Housing Services Corporation to the Annual Conference of the Ontario Non-Profit Housing Association, Toronto, November 19-21, 2006.

*Sweden has considered breaking its dependence on oil by 2020; Should Eastern Canada do this too, and how?*  
Presentation at Parkland Institute's 10<sup>th</sup> Annual Fall Conference, University of Alberta, November 17-19, 2006

*Why we need Electric Mobility*

Keynote presentation at the Annual General Meeting of Electric Mobility Canada, Toronto, November 9, 2006.

*Avoiding car ownership: a key element in progress towards carfree cities*

Presentation at the 'Towards Carfree Cities IV conference', Bogotá, Colombia, September 22, 2006.

*Avoiding car use*

Presentation to the 'Leading Edge 2006' conference arranged by the Canadian Biosphere Reserves Association, Burlington, Ontario, October 5, 2006

*Energy and Transport Futures*

Presentation to the 'Leading Edge 2006' conference arranged by the Canadian Biosphere Reserves Association, Burlington, Ontario, October 5, 2006.

*Plug-in Hybrids: the Cars of the Future?*

Opening presentation to a workshop entitled 'Electric Mobility plug-in Hybrid Electric Vehicles', held by Canada's National Research Council, Ottawa, July 24, 2006..

*Sustaining the Auto Industry Through Ecology*

Presentation to the Scientific Conference of the AUTO21 Network of Centres of Excellence, Vancouver, June 14, 2006.

*The Potential Impacts of Oil Depletion on Canada's Transport Systems and Cities.*

Presentation to a workshop held by the Centre for Sustainable Transportation, University of Winnipeg, April 19, 2006.

*Technology and Transportation: New Modes for a New Century*

Presentation at the Annual Conference of the Community Planning Association of Alberta, April 4, 2006.

*Peak oil and its consequences for urban communities like Hamilton*

Presentation at the Annual General Meeting of Environment Hamilton, co-sponsored by the Victor K Copps Chair of Urban Studies, McMaster University, Hamilton, Ontario, 2006.

*Putting Energy First 1: Coming to Terms with the Energy Dilemma*

Presentation to the Liveable City conference, Region of Peel, Ontario, February 10, 2006

*Putting Energy First 2: Changing the Future Course of Transport in Peel*

Presentation to the Liveable City conference, Region of Peel, Ontario, February 10, 2006.

*Preparing Hamilton for Energy Constraints*

Presentation to the Greater Toronto Transportation Conference, September 23, 2005.

*Energy and Transport Futures*

Presentation to the National Advisory Committee on Energy Efficiency (Natural Resources Canada), Winnipeg, June 23, 2005.

*Optimal Policies for Transit Infrastructure*

Presentation at a conference entitled 'What is Good Public Policy in Canadian Municipalities?' organized as part of the work of the project on 'Multilevel Governance', funded chiefly by Social Science Research Council's Major Collaborative Initiative program, Ottawa, October 28, 2004.

*Achieving Real Sustainability Through Much Lower Transport Fuel Use*

Presentation at the Windsor Workshop (Natural Resources Canada), Toronto, June 17, 2004.

*Energy Constraints and Transport Sustainability*

Presentation at the Windsor Workshop (Natural Resources Canada), Toronto, June 14, 2004.

*Through a child's eyes: The real test of sustainable transportation*

Presentation at a seminar arranged by the Canadian Urban Institute, June 10, 2004.

*Kids on the Move in Halton-Peel*

Presentation to the Ontario Association of School Business Officials, Burlington, December 12, 2003.

*EST Case Study: Quebec City-Windsor Corridor (QWC) Canada*

Presentation at the OECD Conference 'Environmentally Sustainable Transport (EST) in the Asia Region', Nagoya, Japan, March 6, 2003.

*Energy Options*

Presentation at a symposium entitled 'Energy and Environment: Making Choices' held by the Royal Society of Canada, Ottawa, Ontario, November 23, 2003.

*What Sustainable Transportation will mean for Conservation Authorities*

Presentation at the 10th Anniversary .D. Latornell Conservation Symposium Alliston, Ontario, November 14, 2003.

*Sustainable Transportation Performance Indicators*

Presentation at the Annual Conference of the Transportation Association of Canada. St. John's, Newfoundland, September 24, 2003.

*Lessons from Hong Kong: The Most Sustainable Affluent City*

Presentation at a workshop entitled 'Energy and Environment: Making Choices'

held by the Royal Society of Canada at the University of British Columbia, March 14, 2003.

*Ideal Indicators of Sustainable Transportation*

Presentation at the annual conference of the Transportation Research Board, Washington DC, January 13, 2003.

*Funding Sustainable Transit*

Presentation at a conference entitled 'Communities in an Urban Century' organized by the Federation of Canadian Municipalities, Toronto, October 20, 2001.

*Sustainable Transportation: European point of view*

Presentation to the Americana 2001 conference, Montreal, March 29, 2001.

*Sustainable Mobility in the City*

Keynote presentation at URBAN 21: Global Conference on the Urban Future, organized by the Governments of Germany, Brazil, Singapore, and South Africa, Berlin, Germany, July 5, 2000.

*Opportunities for Emissions Trading in Transportation*

Presentation to Emissions Trading 2000, a workshop organized by the Institute for International Research, Toronto, May 27, 2000.

*Indicators for Sustainable Transport*

Presentation at a meeting of the Task Force on Sustainable Urban Transport Indicators of the United Nations Economic Commission for Europe, held at Institut d'Estudis Territorials, Barcelona, Spain, March 29, 2000.

*Transportation and ground-level ozone*

Presentation to a workshop held by the National Air Issues Coordinating Committee, Toronto, February 10, 2000.

*Railways and the Environment*

Keynote presentation at the *Railways and the Environment* workshop, Winnipeg, June 21, 1999.

*Diesel trucking: A growth market for greenhouse gas emissions.* Presentations to the Annual Conference of the Transportation Association of Canada, Saint John, NB, September 28, 1999.

*What will happen when the cheap oil runs out?*

Presentation at the Annual Conference of the Transportation Association of Canada, Saint John, NB, September 27, 1999.

*Financing Urban Transportation: Experience and Innovation Abroad*

Invited presentation to the Annual Conference of the Transportation Association of Canada, Regina, Saskatchewan, September 21, 1998.

*Action for Sustainable Urban Transport*

Presentation at a workshop organized by the Organization for Economic Cooperation and Development and the European conference of Ministers of Transport, an OECD-ECMT workshop, Linz, Austria, September 14, 1998.

*The Economics of Making and Not Making Transportation Sustainable*

Presentation to the Commerce and Engineering Conference, Queen's University, Kingston, Ontario, February 28, 1998.

*Current Legislative and Regulatory Approaches to Reducing Emissions*

Presentation at a trilateral workshop entitled Atmospheric Change and the North American Transportation Sector held by the National Research Council (U.S.), Washington DC, March 25, 1997.

*Transports et urbanisation dans la région de Toronto*

Presentation to a colloquium entitled 'Les régions urbaines: des réalités, des projets', Huitièmes entretiens du Centre Jacques Cartier, Lyon, France, December 7, 1995.

*Local Government Reform in the Greater Toronto Area and beyond*

Presentation to the annual conference of the Association of Municipalities of Ontario, August 28, 1995.

*Guidelines for Constitutional References to Local Government*

Presentation to an International Roundtable on Democratic Constitutional Development, Pretoria, South Africa, July 19, 1995.

*Increasing the non-tax revenues of municipal governments: Trends, methods, and implications*

Presentation to the Annual Conference of the Federation of Canadian Municipalities, Toronto, June 5, 1995.

*Politics of Transit Planning, The Future of the North American Downtown, and Rethinking Planning and Car Culture*

Three presentations at the 1995 Annual Planning Conference (American Planning Association, Canadian Institute of Planners, Ontario Professional Planners Institute), Toronto, April 8-12, 1995.

*Current Urbanization Trends in OECD Countries: Implications for Environmental Sustainability*

Presentation to the Globe '94 Conference, Vancouver, March 21, 1994.

*Fiscal Fitness and Government Restructuring*

Keynote presentation at the opening plenary session of the annual conference of Association of Municipalities of Ontario August 23, 1993.

*The Future of Cities*

Closing presentation at a briefing of ministers responsible for urban issues by the Organization for Economic Cooperation and Development, Paris, France, November 20, 1992.

*Changing Demographics and Urban Canada*

Presentation to the Pacific-Asian Congress of Municipalities, Calgary, July 31, 1992.

*Lessons from Other Times: Infrastructure*

Presentation to a conference entitled Rebuilding Public Infrastructure: Innovative Approaches for Financing and Development held by Price Waterhouse, Toronto, June 10, 1992.

*Comments on the Proposed Administrative Reorganization of the Rotterdam-Rijnmond Region*

Presentation to the Rijnmond Municipalities Consultative Organization, Rotterdam, Netherlands, May 2, 1992.

## Selected ongoing and recent projects not fully represented above

*Location and gasoline price as cofactors in home prices.* This project is being conducted pursuant to an award of \$24,750 to Richard Gilbert by Canada Mortgage and Housing Corporation through its External Research Program. Work is to be completed by June 2010.

*Choosing our Future/Choisir notre avenir.* This is a major planning exercise being undertaken by the National Capital Region, the City of Gatineau, and the City of Ottawa. Richard Gilbert is part of the team assembled by the principal consultant, HB Lanarc Vancouver, to manage the process.

*Child- and youth-friendly land-use and transportation planning guidelines.* Funding of \$312,000 from the Public Health Agency of Canada supports the development of guidelines for each Canadian province by March 2010. Richard Gilbert is the project leader for this work, conducted under the auspices of the Centre for Sustainable Transportation at the University of Winnipeg. This project also has local monetary and in-kind support.

*Policy Options for Alternative Automotive Futures.* This project, conducted by Anthony Perl and Richard Gilbert, is part of the program of the AUTO21 Centre of Excellence Network (University of Windsor), and receives funding from AUTO21 in the amount of \$25,000 annually (2005-2009). It seeks to assess how the Canadian automobile industry could transition to an era of energy constraints through dialogue with significant actors in automotive policy.

*Transport and economic development: a case study of the City of Sherbrooke.* This project, for which Richard Gilbert was the principal advisor, was completed in 2007. It was conducted under the auspices of the Centre d'études en réglementation économique et financière (CEREF) of the University of Sherbrooke, with support from the Federation of Canadian Municipalities, Natural Resources Canada, the Quebec Ministries of Environment and Transportation, and the City of Sherbrooke.

*Design Strategy for Capital Works Program for Toronto's Discovery District.* This project, commissioned by the City of Toronto, was completed in 2005 by Brown & Storey Architects

in partnership with Todhunter Associates Inc., Moiz Behar Planning and Design, and Richard Gilbert.

*Settlement Pattern, Physical Activity, and the Body Weights of Children and Youth.* This project, completed in 2005, was conducted by Richard Gilbert and Catherine O'Brien for the Centre for Sustainable Transportation and funded by the Institute of Metabolism, Nutrition and Diabetes (Canadian Institutes of Health Research) through the Joint Program in Transportation, University of Toronto. Its main focus was the impact of low-density suburban development on children's health.

*Assessment of Air Quality on Transit Vehicles: Exposure of Operators.* This project, completed in 2005, was executed by the Gage Occupational and Environment Health Unit of the University of Toronto and the Centre for Sustainable Transportation, with support from the Amalgamated Transit Union and Canadian Auto Workers. Richard Gilbert was the project manager.

*Energy in Motion.* This was the principal initiative of The Netherlands' tenure of the presidency of the European Union in 2004. Its focus was a two-day, high-level meeting designed to achieve progress towards sustainable mobility in the EU. Richard Gilbert served as a consultant to the team managing the meeting and chaired a key session at the meeting.

*St. Clair Avenue West Design for Capital Works and Development Strategy.* This project, commissioned by the City of Toronto, was completed in 2004 by Brown & Storey Architects in partnership with Richard Gilbert.

## Other current and recent activity

Richard Gilbert served as the only non-U.S. member of the Task Force on Transportation and Sustainability established by the Transportation Research Board of the National Academies of Science at the request of the U.S. Secretary of Transportation to advise the Secretary as to how to introduce sustainability concepts into U.S. transportation policy-making. It reported in 2006.

Richard Gilbert served as a reviewer for Chapter 5 (Transportation) of the Fourth Assessment Report of Working Group 3 of the Intergovernmental Panel on Climate Change (IPCC), entitled *Mitigation of Climate Change*. He serves as a reviewer for several scholarly journals and also for the work of the US Transportation Research Board.

Richard Gilbert serves as a member of the Board of Directors of St. Stephen's Community House, a social service agency that provides the west side of Toronto's downtown with programs and services for children and families, youth, seniors, the homeless, people with HIV/AIDS, the unemployed and newcomers.

## Earlier academic and other publications and achievements

**Note:** This section lists selected material produced before 1992 that is not relevant to current endeavours but is provided as an indication of previous achievement. Four books are listed—one authored and three edited—and then six items for which Richard Gilbert was the lead author and that have been cited more than 30 times in the scholarly literature. Finally, notes are provided on other two scholarly achievements before 1992.

### Books

*Caffeine: the Most Popular Stimulant* by Richard Gilbert. Chelsea House, New York, NY, 1986. ISBN: 0877547564. [this book has been in print throughout the 23 years since its publication]

*Schedule Effects: Drugs, Drinking, and Aggression*, edited by R.M. Gilbert and J.D. Keehn. University of Toronto Press, 1972. ISBN: 0802032869.

*Reinforcement: Behavioral Analyses* edited by R.M. Gilbert and J.R. Millenson. Academic Press, New York, NY, 1972. ISBN: 0122831500.

*Animal Discrimination Learning* edited by R.M. Gilbert and N.S. Sutherland. Academic Press, London, UK, 1969. ISBN: 9781125720684.

### Book chapters and journal articles cited frequently in the academic literature

‘Caffeine consumption’ by R.M. Gilbert. In *The Methylxanthine Beverages and Foods: Chemistry, Consumption and Health Effects* edited by G.A. Spiller. Alan R Liss, New York, NY, 1984, pp. 185-214. ISBN 0845150081 [cited 131 times]

‘Early effects of quitting smoking’ by R.M. Gilbert and M.A. Pope, *Psychopharmacology*, 78(2): 121-127, 1982. [cited 75 times]

‘Caffeine as a drug of abuse’ by R.M. Gilbert. In *Research Advances in Alcohol and Drug Problems*, Vol. 3, edited by R.J. Gibbins, Y. Israel, H. Kalant, R.E. Popham, and W. Schmidt. Wiley & Sons, New York, 1976, pp. 49-176. [cited 194 times]

‘Caffeine content of beverages as consumed’ by R.M. Gilbert, J.A. Marshman, M. Schweider, and R. Berg, *Canadian Medical Association Journal*, 114(3), 205-208, 1976. [cited 113 times]

‘Ubiquity of schedule-induced polydipsia’ by R.M. Gilbert, in *Journal of the Experimental Analysis of Behavior*, 21(2), 277-284, 1974. [cited 39 times]

‘Effects of food deprivation and fluid sweetening on alcohol consumption by rats’ by R.M. Gilbert, *Quarterly Journal of Studies on Alcohol-Part A*, 35(1), 42-47, 1974. [cited 34 times]

## **Other activities before 1992**

From 1971 to 1976, Richard Gilbert served as a member of the editorial board of the *Journal of the Experimental Analysis of Behavior*.

From 1979 to 1991, Richard Gilbert wrote a regular column in *The Journal*, a monthly publication of the then Addiction Research Foundation of Ontario, now the Centre for Addiction and Mental Health. *The Journal*, sold in 63 countries, was produced for medical and other professionals concerned with drug use and abuse. 129 of these columns were published, each usually about 850 words in length. Most columns brought original research and relevant other research findings to bear on issues of the day.