#### **BARRY WELLAR**

Principal
Wellar Consulting Inc.
President
Information Research Board Inc.
Professor Emeritus
University of Ottawa
Ottawa, Ontario, CANADA

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# CURRICULUM VITAE (ABBREVIATED VERSION)

#### **1.0 NAME**

**WELLAR, Barry**, Full Professor, tenured, University of Ottawa, retired June 30, 2005; Professor Emeritus, University of Ottawa, 2007; Registered Professional Planner (RPP), Ontario; Member, Canadian Institute of Planners (MCIP); Geographic Information Systems Professional (GISP); Principal, Wellar Consulting Inc., October 1, 2005 – present; President, Information Research Board Inc., 2010 – present.

#### 2.0 DEGREES

B.A. Economics & Commerce, Queen's University, 1963
Hon. B.A. Geography & Economics, Queen's University, 1965
M. S. (Master of Science) Geography, Northwestern University, 1967
PhD. Geography, Northwestern University, 1969

### 3.0 EMPLOYMENT HISTORY

1969-72 Assistant Professor and Research Associate, Department of Geography, Institute for Social and Environmental Studies, and Space Technology Laboratories, University of Kansas

1972 Consultant, Kansas City Kansas, Planning Department

1970-72 Consultant, U.S. Department of Housing and Urban Development

1972-73 Senior Research Officer, Research Branch, Ministry of State for Urban Affairs (Government of Canada)

1973-74 Theme Coordinator, Urban Information, Research Branch, Ministry of State for Urban Affairs (Government of Canada)

1974 Visiting Lecturer, United Nations Development Program, International Centre for Computer Education, Budapest

1974-75 Assistant Director, Data Processing Branch, Ministry of State for Urban Affairs (Government of Canada)

1976-77 Director, Non-Metropolitan Development, Ministry of State for Urban Affairs (Government of Canada)

- 1977-79 Senior Policy Advisor, Ministry of State for Urban Affairs (Government of Canada)
- 1979-80 Associate Professor, Department of Geography and School of Urban and Regional Planning, University of Ottawa
- 1979-80 Project Director, Federation of Canadian Municipalities
- 1980-05 Full Professor, Department of Geography and School of Urban and Regional Planning, University of Ottawa
- 1981-82 Consultant, Statistics Canada
- 1983-84 Consultant, Organization for Economic Cooperation and Development
- 1984-85 Consultant, Federation of Canadian Municipalities
- 1985 Consultant, Ottawa Board of Education Reorganization Study
- 1988-89 Consultant, Department of Finance (Canada) Task Force on Tax Benefits for Northern and Isolated Areas
- 1989 Lecturer, Banff School of Management
- 1990 Workshop Instructor, Regional Municipality of Ottawa-Carleton
- 1991 Consultant, National Capital Commission
- 1991 Workshop Instructor, Geographic Information Systems (GIS), City of Calgary
- 1991-92 Consultant, Urban and Regional Information Systems Association
- 1992 Consultant and Expert Witness (Ontario Municipal Board Hearing), Carlingwood Action Committee, Ottawa
- 1993 Scientific Advisor, Treaty 8 Tribal Association, Great Bear Environmental Health Study
- 1993-96 Consultant, Regional Municipality of Ottawa-Carleton, Alternative Transportation/Mobility Projects
- 1996-02 Consultant, Regional Municipality of Ottawa-Carleton and the City of Ottawa, Transportation and Environment Department, and City of Ottawa, Department of Transportation, Utilities and Public Works
- 1999 Consultant, American Chamber of Commerce Researchers Association
- 2001-02 Consultant, Canada Mortgage and Housing Corporation, GIS in Housing
- 2001-03 Workshop Instructor, Urban and Regional Information System Association, Long Beach, CA
- 2002 Consultant, Durand Community Association, Hamilton, ON
- 2002-03 Consultant, Canada Mortgage and Housing Corporation, Condominium Count and Characterization Pilot Study
- 2002 Workshop Instructor, International Association of Assessing Officers, Los Angeles, CA
- 2002 Expert Witness, McPherson, Leslie and Tyreman, Regina, SK
- 2002 Workshop Instructor, Urban and Regional Information Systems Association, Chicago, IL
- 2002. Consultant and Expert Witness, MacPherson, Leslie and Tyerman, Regina, SK
- 2005 Owner and Principal, Wellar Consulting Inc. -- present
- 2005 Consultant, Canadians for Responsible and Safe Highways, Ottawa
- 2006 Consultant and Expert Witness, Sammon and Barnes, LLP, Ottawa,
- 2006 Consultant, Railway Association of Canada, Ottawa
- 2006 Consultant, Environmental Systems Research Institute, Canada

- 2007 Consultant, Lough Drive Homeowners Association for Wilhaven Drive draft plan of subdivision development application, Ottawa, Ontario
- 2007. Consultant, Department of Regional Development and Department of Transport. Government of Northern Ireland
- 2008. Consultant and Expert Witness, Beament & Green, Ottawa,
- 2008 Workshop Instructor, Pedestrian Charter Steering Committee, Kitchener, ON
- 2008 Consultant, Urban Transportation Programs, Environmental Initiatives, Transport Canada
- 2008 Consultant and Expert Witness, Rotondo Law Firm, Toronto
- 2009 Consultant and Expert Witness, Bartlet and Richardes LLP, Windsor, ON
- 2009 Consultant, Urban Transportation Programs, Environmental Initiatives, Transport Canada
- 2009 Consultant and Expert Witness, Huckabone, O'Brien, Instance, Bradley, and Lyle, Pembroke, ON
- 2010 Consultant and Expert Witness, Sammon and Barnes, LLP, Ottawa
- 2011 Consultant and Expert Witness, Bartlet and Richardes LLP, Windsor, ON
- 2011-12 Expert Planner, Kanata-Beaverbrook Community Association, Kanata, ON
- 2011-13 Consultant and Expert Witness, Sammon and Barnes, LLP, Ottawa
- 2012-13 Consultant and Expert Witness, J. D. Singer, Barrister and Solicitor, Markham, ON
- 2012-13 Chair, Ontario Northland Railway/Ontario Northland Transportation
- Commission Research Task Force, Transport Action Canada
- 2012 External Reviewer, Research Grants Council (RGC) of Hong Kong
- 2013 External Reviewer, Research Grants Council (RGC) of Hong Kong
- 2014 External Reviewer, Research Grants Council (RGC) of Hong Kong.
- 2014 Consultant, Environmental Systems Research Institute (Esri)
- 2015 External Reviewer, Research Grants Council (RGC) of Hong Kong.
- 2015 Consultant, Environmental Systems Research Institute (Esri)
- 2016 Consultant, Environmental Systems Research Institute (Esri)
- 2016 External Reviewer, Research Grants Council (RGC) of Hong Kong.
- 2016 Consultant and Expert Witness, Vice & Hunter, Barristers and Solicitors, Ottawa, ON

#### 4.0 HONOURS AND ACHIEVEMENTS

- **Board Member**, Urban and Regional Information Systems Association, 1972-1976
- President-elect, Urban and Regional Information Systems Association, 1976-77
- President, Urban and Regional Information Systems Association, 1977-78
- Past President, Urban and Regional Information Systems Association, 1978-79
- **Leadership Award**, Urban and Regional Information Systems Association, 1979.

- Award of Merit, (U.S.) National Association of Towns and Townships, 1981.
   "For Support and Leadership on Matters of Great Importance to America's Grassroots Government Officials. In Tribute to Individuals Who Have Distinguished Themselves Nationally and for their Untiring Commitment to Strong Local Government".
- Election to Full Member, Canadian Institute of Planners (MCIP), 1983.
- Full Member, Ontario Professional Planners Institute
- Registered Professional Planner (RPP), Ontario
- Election to Full Member, Data for Development International Association, 1984.
- The Edgar M. Horwood Award. "For Outstanding Service in the Advancement of Public Sector Information Systems". From the Urban and Regional Information Systems Association, 1985.
- Citation Award, Applied Geography Specialty Group, Association of American Geographers, 1991. "For Excellence in Applied Geography" (Department of Finance (Canada) project on a new tax regime for northern and isolated communities).
- Citation Award, American Planning Association, 1994."For Outstanding Contributions to the 1994 National Conference".
- Certificate of Appreciation. The International Steering Committee of GIS/LIS-Central Europe, 1994. "In Recognition of Contributions as Co-Chair, Technical Program Development of GIS/LIS '93- Hungary and GIS/LIS'94- Central Europe"
- 25-Year Pin, Urban and Regional Information Systems Association, 1995
- Citation Award, American Planning Association, 1995. "For Outstanding Contributions to the 1995 Conference"
- Member, Ontario Graduate Scholarship Panel, 1994-1995
- Group Project Award, Applied Geography Specialty Group Competition, American Association of Geographers, 1996. "For Excellence in Applied Geography" (Walking Security Index project)
- **Distinguished Service Award**, Urban and Regional Information Systems Association, 1996. "In Recognition of Outstanding Service"
- Member, Ontario Graduate Scholarship Panel, 1997-1998
- Member, Ontario Graduate Scholarship Panel, 1998-1999
- Chairman, Ontario Graduate Scholarship Panel, 1999-2000
- Induction into Timiskaming District Secondary School Wall of Fame, 1999
- Citation Award, Applied Geography Specialty Group, Association of American Geographers, "For Excellence in Applied Geography" (Walking Security Index Project), 2000
- Chairman, Ontario Graduate Scholarship Panel, 2000-2001.
- McConnell Lectureship, Miami University (Ohio), 2002.
- Named to "The Capital City's Top 50" by Ottawa Life Magazine, 2002
- Chairman, Ontario Graduate Scholarship Panel, 2001-2002.
- James R. Anderson Medal of Honor in Applied Geography, Association of American Geographers, 2003.

- Chairman, Ontario Graduate Scholarship Panel 2002-2003.
- Citation for Achievement in Geography, House of Commons (March 24, 2003) by the Honourable Judy Sgro, MP (York West), Chair, Prime Minister's Task Force on Urban Issues.
- Chairman, Anderson Medal Committee, 2004-2008
- Canadian Association of Geographers Award for Geography in the Service of Government or Business, Canadian Association of Geographers, 2004.
- President's Award for Service to the University and the Larger Community Through Media and Community Relations, University of Ottawa, 2004.
- James Anderson Distinguished Lecture in Applied Geography,
   Association of American Geographers 2005 Annual Conference, Denver, CO.
- Invited Lecture, Geography and the Media, Symposium on Projecting Geography in the Public Domain in Canada, Royal Canadian Geographical Society, Canadian Council on Geographic Education, and the Canadian Association of Geographers, 2005 Learned Societies Congress.
- Appointed Distinguished Geomatics and GIS Researcher, Laboratory for Applied Geomatics and Geographic Information Systems Science (LAGGISS) Department of Geography, University of Ottawa, 2005-present.
- Distinguished Research Fellow, Transport 2000 Canada, 2005-2016.
- Geographic Information Systems Professional (GISP), GIS Certification Institute, 2006.
- Edward Ullman Award, Association of American Geographers, "For Outstanding Contributions in Transportation Geography", 2006.
- Professor Emeritus, University of Ottawa, 2007-present.
- Fleming Lecture in Transportation Geography, 2007 Annual Meeting, Association of American Geographers, San Francisco
- Invited International Lecturer, 2007 Conference, National TravelWise Association, Belfast, Northern Ireland
- **Keynote Speaker**, 2009 Annual Meeting, Urban and Regional Information Systems Association, Anaheim, CA
- Induction into Geographic Information Systems (GIS) Hall of Fame, 2011
- Editor, Past Presidents' 50<sup>th</sup> Anniversary Special Publication, Foundations of Urban and Regional Information Systems and Geographic Information Systems and Science, Urban and Regional Information Systems Association, 2012
- Leadership Award, Urban and Regional Information Systems Association, 2013
- 25-Year Pin, Canadian Institute of Planners, 2013.

# 5.0 SCHOLARLY AND PROFESSIONAL ACTIVITIES SINCE 1998.

The full listing for this section began in 1965, and exceeded 50 pages in length by 1998. The abbreviated version of this section covers the last seven years prior to retiring from the University of Ottawa in 2005, and adds a partial record of scholarly and professional activities undertaken since 2005 which are pertinent to my consulting and related professional activities.

- **1998** Member, Workshop Committee, Urban and Regional Information Systems Association
- 1998 Member, Canadian General Standards Board Committee on Geomatics and Geographic Information Systems
- 1998 Co-Editor, *New City Magazine*
- 1998 Member, Program Committee, 10<sup>th</sup> International Geomatics Conference, Ottawa
- 1998 Chair, Management Program, Annual Conference, Urban and Regional Information Systems Association, Charlotte, NC
- 1998 Organizer, Special Sessions, *New City Magazine*, Congress of the Social Sciences and Humanities, Montreal
- 1998 Coordinator, Introduction to Geographic Information Systems Workshop, Urban and Regional Information Systems Association
- 1998 Chair, Workshop Development Committee, Urban and Regional Information Systems Association.
- 1998 Co-Organizer, Applied Geography Specialty Group Session, Annual Conference, Association of American Geographers, Boston
- 1998 Member, Archives Committee, Urban and Regional Information Systems Association
- 1998 Chair, Ontario Graduate Scholarship Program Panel (Planning and Development Studies)
- 1998 Advisor, Visiting Scholar, Prof. Junsan Zhao, Kunming Institute of Science and Technology, China
- 1998 Workshop Instructor, Introduction to Geographic Information Systems, Urban and Regional Information Systems Association, Charlotte, NC
- 1998 Member, Executive Committee, Applied Geography Specialty Group, Association of American Geographers.
- 1998 Co-Investigator, National Integrated Land Information Management Framework (NILIMF) Project for Ukraine. Research Proposal to the Canadian International Development Agency
- 1998 Reviewer, (U.S.) National Science Foundation
- 1998 Co-Investigator, Survey on Client-Driven Applied Geography Projects, Applied Geography Specialty Group, Association of American Geographers
- 1998 Member, Editorial Board, Computers, Environment and Urban Systems.
- 1998 Member, Editorial Board, *Journal of the Urban and Regional Information*Systems Association

- **1999** Coordinator, Introduction to Geographic Information Systems Workshop, Urban and Regional Information Systems Association
- 1999 Member, Workshop Committee, Urban and Regional Information Systems Association
- 1999 Workshop Instructor, Introduction to Geographic Information Systems, Urban and Regional Information Systems Association, Chicago, Illinois
- 1999 Member, Education Committee, Urban and Regional Information Systems Association
- 1999 Chair, Ontario Graduate Scholarship Program Panel (Geography)
- 1999 Member, Executive Committee, Applied Geography Specialty Group, Association of American Geographers
- 1999 Member, Archives Committee, Urban and Regional Information Systems Association
- 1999 Organizer, Transportation Research Projects session, Annual Meetings of The Association of American Geographers
- 1999 Academic Advisor (Research Program), American Chamber of Commerce Researchers Association
- 1999 Member, Canadian General Standards Board Committee on Geomatics and Geographic Information Systems
- 1999 Principal Instructor, Introduction to Geography Information Systems video, Urban and Regional Information Systems Association
- 1999 Director, Survey on Client-Driver Applied Geography Projects, Applied Geography Specialty Group Association of American Geographers
- 1999 Member, Editorial Board, *Journal of the Urban and Regional Information*Systems Association.
- **2000** Coordinator, Introduction to Geographic Information Systems Workshop, Urban and Regional Information Systems Association.
- 2000 Workshop Instructor, Introduction to Geographic Information Systems, Urban and Regional Information Systems Association, Orlando, FL
- 2000 Member, Education Committee, Urban and Regional Information Systems Association
- 2000 Organizer, Transportation Research Projects session, Annual Meetings of The Association of American Geographers
- 2000 Member, Canadian General Standards Board Committee on Geomatics and Geographic Information Systems
- 2000 Chair, Ontario Graduate Scholarship Program Panel (Planning and Environmental Studies)
- 2000 Member, Executive Committee, Applied Geography Specialty Group, Association of American Geographers
- 2000 Member, Archives Committee, Urban and Regional Information Systems Association
- 2000 Academic Advisor (Research Program), American Chamber of Commerce Researchers Association

- 2000 Member, Workshop Committee, Urban and Regional Information Systems Association
- 2000 Principal Instructor, Introduction to Geography Information Systems video, Urban and Regional Information Systems Association.
- 2000 Director, Survey on Client-Driven Applied Geography Projects, Applied Geography Specialty Group Association of American Geographers.
- 2000 Member, Editorial Board, *Journal of the Urban and Regional Information*Systems Association.
- 2000 Reviewer, Applied Geography chapter, *Geography in America at the Dawn of the 21<sup>st</sup> Century,* Association of American Geographers
- 2000 Resource Person, Institute for Sustainable Transportation, (Canada)
- **2001** Coordinator, Introduction to Geographic Information Systems Workshop, Urban and Regional Information Systems Association.
- 2001 Member, Education Committee, Urban and Regional Information Systems Association
- 2001 Chair, Ontario Graduate Scholarship Program Panel (Geography and Environmental Studies)
- 2001 Member, Canadian General Standards Board Committee on Geomatics and Geographic Information Systems
- 2001 Organizer, Transportation Research Projects session, Annual Meetings of The Association of American Geographers
- 2001 Member, Workshop Committee, Urban and Regional Information Systems Association
- 2001 Resource Person, Institute for Sustainable Transportation (Canada)
- 2001 Member, Executive Committee, Applied Geography Specialty Group, Association of American Geographers
- 2001 Member, Archives Committee, Urban and Regional Information Systems Association
- 2001 Academic Advisor (Research Program), American Chamber of Commerce Researchers Association
- 2001 Principal Instructor, Introduction to Geography Information Systems video, Urban and Regional Information Systems Association.
- 2001 Director, Survey on Client-Driven Applied Geography Projects, Applied Geography Specialty Group Association of American Geographers.
- 2001 Member, Editorial Board, *Journal of the Urban and Regional Information*Systems Association.
- 2001 Advisor, Founding Committee, Provincial Federation of Urban Neighbourhood Associations (Ontario)
- 2001 Reviewer, Natural Sciences and Engineering Research Council
- 2001 Director, Applied Geography Specialty Group Executive Committee, Association of American Geographers
- 2001 Delegate of the Applied Geography Specialty Group for the Strategic Initiatives Program, Association of American Geographers
- 2001 Organizer, Session on Transportation Research Projects 2001 AAG Conference, New York, NY.

- 2001 External Examiner, Rector's University Research Program, University of Siena (Italy)
- 2001 Vice-Chair, Applied Geography Specialty Group, Association of American Geographer
- 2001 Chair, Citation Award Committee, Applied Geography Specialty Group, Association of American Geographers
- 2001 Advisor, Federation of Urban Neighbourhoods (Ontario)
- 2001 Coordinator, Introduction to Geographic Information Systems Workshop, Urban and Regional Information Systems Association
- **2002** Organizer, Transportation Research Projects session, Annual Meetings of The Association of American Geographers
- 2002 Chairman, Ontario Graduate Scholarship Panel (Planning and Development Studies, Ph.D.)
- 2002 Reviewer, Social Sciences and Humanities Research Council
- 2002 Member, Editorial Board, Urban and Regional Information Systems Association
- 2002 Member, Canadian General Standards Board Committee on Geomatics and Geographic Information Systems
- 2002 Chair, Applied Geography Specialty Group, Association of American Geographers
- 2002 Member, Editorial Board, *Journal of the Urban and Regional Information*Systems Association.
- 2002 Chair, Citation Award Committee, Applied Geography Specialty Group, Association of American Geographers
- 2002 Resource Person, Institute for Sustainable Transportation
- 2002 Workshop Instructor, 2002 Annual Conference, Urban and Regional Information Systems Association, Chicago
- 2002 Advisor and Roundtable Participant, Prime Minister's Task Force on Urban Issues
- 2002 Workshop Designer and Instructor, 2002 Annual Conference, Canadian Institute of Planners, Vancouver, BC
- 2002 Workshop Instructor, 2002 Annual Conference, International Association of Assessing Officials, Los Angeles, CA
- 2002 Member, Editorial Review Board, Urban and Regional Information Systems Association
- 2002 Organizer, Ethical Research Session, Association of American Geographers Annual Conference, New Orleans, LA
- **2003** Chair, Applied Geography Specialty Group, Association of American Geographers
- 2003 Advisor, Federation of Urban Neighbourhoods (Ontario)
- 2003 Member, Editorial Review Board, Urban and Regional Information Systems
  Association
- 2003 Member, Canadian General Standards Board Committee on Geomatics and Geographic Information Systems

- 2003 Chairman, James Anderson Medal in Applied Geography Committee, Association of American Geographers
- 2003 Member, Editorial Board, Journal of the Urban and Regional Information Systems Association.
- 2003 Reviewer, Social Sciences and Humanities Research Council
- 2003 Chairman, Ontario Graduate Scholarship Panel (Geography, Masters and Ph.D.)
- 2003 Member, Editorial Review Board, Urban and Regional Information Systems Association
- **2004** Co-Applicant, Major Collaborative Research Initiative, Social Sciences and Humanities Research Council, "Canadian Transport Futures Assessment"
- 2004 Chair, Applied Geography Specialty Group, Association of American Geographers
- 2004 Policy and Research Advisor, Federation of Urban Neighbourhoods
- 2004 Director, Pedestrian Space Forum
- 2004 Member, Editorial Board, *Journal of the Urban and Regional Information*Systems Association.
- 2004 Chairman, James Anderson Medal in Applied Geography Committee, Association of American Geographers
- 2004 Past Chair, Applied Geography Specialty Group, Association of American Geographers
- 2004 Member, Selection Committee, Joint Interdependent Infrastructures Research Program (JIIRP), NSERC/PSEPC
- **2005** Member, Editorial Review Board, Urban and Regional Information Systems Association
- 2005 Policy and Research Advisor, Federation of Urban Neighbourhoods
- 2005 Director, Pedestrian Space Forum
- 2005 Chairman, James Anderson Medal in Applied Geography Committee, Association of American Geographers
- 2005 Past Chair, Applied Geography Specialty Group, Association of American Geographers
- 2005 Invited Lecture, *Geography and the Media*, Symposium on **Projecting Geography in the Public Domain in Canada**, sponsored by the Royal
  Canadian Geographical Society, Canadian Council on Geographic Education,
  and the Canadian Association of Geographers, Learned Societies Congress.
- 2005 Principal Investigator, "Assessing the State of Knowledge in Canada of the Health of Commercial Truck Drivers", Canadians for Responsible and Safe Highways, Ottawa.
- 2005 Member, Editorial Board, *Journal of the Urban and Regional Information*Systems Association.
- 2005 Co-Applicant, Canadian Institutes of Health Research Proposal
- 2005 Keynote Speaker, Geomatics Industry Association of Canada (GIAC) Leadership Forum, Ottawa.
- **2006** Principal, Wellar Consulting Inc.

- 2006 Member, Editorial Review Board, Urban and Regional Information Systems
  Association
- 2006 Policy and Research Advisor, Federation of Urban Neighbourhoods
- 2006 Chairman, James Anderson Medal in Applied Geography Committee, Association of American Geographers
- 2006 Keynote Speaker, ESRI Canada Annual Sales Conference, Kimberly, ON
- 2006 Principal Investigator, "State of Trucking in Canada", Canadians for Responsible and Safe Highways, Ottawa.
- 2006 Co-Investigator, Canadian Institutes of Health Research project, "Tools to investigate the relationship between spatial inequalities and health disparities", University of Ottawa.
- 2006 Organizer, "Applied Transportation Research Projects", Association of American Geographers Annual Meeting, Chicago, IL.
- 2006 Member, Editorial Board, Journal of the Urban and Regional Information Systems Association.
- 2006 Expert Witness, Province of Ontario, retained by Barnes and Sammon, LLP, Ottawa.
- 2006 Member, Strategic Projects Selection Panel Safety and Security, Natural Sciences and Engineering Research Council of Canada
- 2006 Contributor, EcoLiving Guide II, Regina EcoLiving
- 2006 Policy and Research Advisor, Federation of Urban Neighbourhoods.
- 2006 Media Program Director, Geography Awareness Week, Canadian Association of Geographers,
- **2007** Principal, Wellar Consulting Inc.
- 2007 Chair, Anderson Lecture, Annual Meeting of the Association of American Geographers.
- 2007 Editor, *Proceedings of the 2007 Anderson Lecture in Applied Geography*, Association of American Geographers, San Francisco.
- 2007. Member, Strategic Projects Selection Panel Safety and Security, Natural Sciences and Engineering Research Council of Canada.
- 2007 Chairman, James Anderson Medal in Applied Geography Committee, Association of American Geographers
- 2007. Co-Organizer, Mobility and Children Session, Annual Meeting of the Association of American Geographers.
- 2007. Program Director, Geography Awareness Week, Canadian Association of Geographers,
- 2007 Member, Technical Paper Review Committee, Student Paper Competition, Canadian Association of Road Safety Professionals and Insurance Bureau of Canada,
- 2007. Policy and Research Advisor, Federation of Urban Neighbourhoods
- 2007 Member, Editorial Board, *Journal of the Urban and Regional Information Systems Association.*
- 2007. Distinguished Research Fellow, Transport 2000 Canada.
- 2007 Professor Emeritus, University of Ottawa.

- 2007. Organizer, Applied Geography Research Session, Annual Meeting of the Association of American Geographers, San Francisco
- 2007. Organizer and Chair, Geography Awareness Week Sessions, Annual Meeting of the Canadian Association of Geographers, Saskatoon, SK
- 2007. Plenary Speaker, National TravelWise Association Conference, Climate Change and Sustainable Transport, Belfast, Northern Ireland.
- **2008** Principal, Wellar Consulting Inc.
- 2008 Chair, Anderson Lecture, Annual Meeting of the Association of American Geographers.
- 2008 Member, Strategic Projects Selection Panel Safety and Security, Natural Sciences and Engineering Research Council of Canada.
- 2008 Organizer and Speaker, Transportation System Performance Measurement Session, Annual Meeting of the Association of American Geographers, Boston, MA
- 2008 Chairman, James Anderson Medal in Applied Geography Committee, Association of American Geographers
- 2008 Member, Technical Paper Review Committee, Student Paper Competition, Canadian Association of Road Safety Professionals and Insurance Bureau of Canada
- 2008. Program Director, Geography Awareness Week, Canadian Association of Geographers
- 2008 Policy and Research Advisor, Federation of Urban Neighbourhoods
- 2008 Distinguished Research Fellow, Transport 2000 Canada.
- 2008 Professor Emeritus, University of Ottawa.
- 2008 Guest Lecturer, Pedestrian Charter Steering Committee, Kitchener, ON,
- 2008 Member, Editorial Board, *Journal of the Urban and Regional Information Systems Association.*
- 2008 Organizer and Chair, Geography Awareness Week Session, Annual Meeting, Canadian Association of Geographers, Quebec City QC
- 2008 Consultant, Urban Transportation Programs, Environmental Initiatives, Transport Canada
- 2008 Co-Organizer and Chair, Reinvigorating Undergraduate Geography Teaching Session, Annual Meeting of the Canadian Association of Geographers, Quebec City, QC
- 2008 Organizer, Moderator and Speaker, Roundtable on Designing New Planning Measures of Transportation System Performance, Joint Congress of the Association of Collegiate Schools of Planning and the Association of European Schools of Planning, Chicago, Illinois
- **2009** Principal, Wellar Consulting Inc.
- 2009 Consultant, Urban Transportation Programs, Environmental Initiatives, Transport Canada

- 2009 Session Organizer, Geography Awareness Week 2009: Promoting Innovations Promoting Geography, Annual Meeting, Canadian Association of Geographers, Ottawa, ON
- 2009 Invited Speaker, 2009 Joint Conference, Canadian Operational Research Society and Institute for Operations Research and the Management Sciences, Toronto, ON
- 2009 Keynote Speaker, 2009 Annual Meeting, Urban and Regional Information Systems Association, Anaheim, CA
- 2009 Chairman, James Anderson Medal in Applied Geography Committee, Association of American Geographers
- 2009 Program Director, Geography Awareness Week, Canadian Association of Geographers
- 2009 Distinguished Research Fellow, Transport Action Canada.
- 2009 Policy and Research Advisor, Federation of Urban Neighbourhoods
- 2009 External Examiner, Strategic Projects Grants Program, Energy Panel 1, Natural Sciences and Engineering Research Council of Canada.
- 2009 Consultant, retained by Barnes and Sammon, LLP, Ottawa.
- 2009 Professor Emeritus, University of Ottawa.
- 2009 Expert Reviewer, U.S. National Science Foundation, Geography and Spatial Sciences Program, "Analysis of the Frequency and Severity of Pedestrian- and Bicycle-Motor Vehicle Crashes in Regional Road Networks".
- 2009 Member, Editorial Board, *Journal of the Urban and Regional Information*Systems Association
- 2010 President, Information Research Board
- 2010 Principal, Wellar Consulting Inc.
- 2010 Professor Emeritus, University of Ottawa.
- 2010 Closing Plenary Session Speaker, Annual Meeting, Urban and Regional Information Systems Association, Orlando, FL
- 2010 Organizer and Presenter, Invited Sessions, Standard of Care and Geographic Information Systems (GIS), Annual Meeting, Urban and Regional Information Systems Association, Orlando, FL
- 2010 Distinguished Research Fellow, Transport Action Canada
- 2010 Member, Editorial Board, *Journal of the Urban and Regional Information*Systems Association
- 2010 Policy and Research Advisor, Federation of Urban Neighbourhoods
- 2010 Reviewer, Environmental Monitoring and Software
- 2010 Co-Chair, 50/50 Fund, Past Presidents' Blue Ribbon Panel, Urban and Regional Information Systems Association.
- 2011 President, Information Research Board

- 2011 Principal, Wellar Consulting Inc.
- 2011 Professor Emeritus, University of Ottawa.
- 2011 Invited Presenter, "Transportation: Inspiring a Sustainability Action Agenda".2nd Annual Sustainable Community Summit: Identifying Barriers and Providing Solutions. Sponsored by Yasir Naqvi, MPP, Ottawa Centre. April 16, 2011, Ottawa, Ontario.
- 2011 Co-Chair, 50/50 Fund, Past Presidents' Blue Ribbon Panel, Urban and Regional Information Systems Association.
- 2011 Distinguished Research Fellow, Transport Action Canada
- 2011 Policy and Research Advisor, Federation of Urban Neighbourhoods
- 2011 Member, Editorial Board, *Journal of the Urban and Regional Information*Systems Association
- 2011 President, Information Research Board
- 2011 Principal, Wellar Consulting Inc.
- 2011 Professor Emeritus, University of Ottawa.
- 2011 Invited Presenter, "Transportation: Inspiring a Sustainability Action Agenda".2nd Annual Sustainable Community Summit: Identifying Barriers and Providing Solutions. Sponsored by Yasir Naqvi, MPP, Ottawa Centre. April 16, 2011, Ottawa, Ontario.
- 2011 Co-Chair, 50/50 Fund, Past Presidents' Blue Ribbon Panel, Urban and Regional Information Systems Association.
- 2011 Distinguished Research Fellow, Transport Action Canada
- 2011 Policy and Research Advisor, Federation of Urban Neighbourhoods
- 2011 Member, Editorial Board, *Journal of the Urban and Regional Information*Systems Association
- 2012 President, Information Research Board
- 2012 Principal, Wellar Consulting Inc.
- 2012 Professor Emeritus, University of Ottawa
- 2012 Distinguished Research Fellow, Transport Action Canada
- 2012 Policy and Research Advisor, Federation of Urban Neighbourhoods
- 2012 Chair, Ontario Northland Railway -- Ontario Northland Transportation Commission Research Task Force, Transport Action Canada/Transport Action Ontario
- 2012 Editor, Past Presidents' 50<sup>th</sup> Anniversary Special Publication, *Foundations of Urban and Regional Information Systems and Geographic Information Systems and Science*, Urban and Regional Information Systems Association
- 2012 Member, Editorial Board, *Journal of the Urban and Regional Information*Systems Association.
- **2013** President, Information Research Board Inc.
- 2013 Principal, Wellar Consulting Inc.
- 2013 Professor Emeritus, University of Ottawa
- 2013 Chair, Ontario Northland Railway-Ontario Northland Transportation Commission Research Task Force Transport Action Canada/Transport Action Ontario
- 2013 Distinguished Research Fellow, Transport Action Canada

- 2013 Chair, AutoCarto Six Scholarship Committee, University of Ottawa
- 2013 Member, Editorial Board, *Journal of the Urban and Regional Information*Systems Association.
- **2014** President, Information Research Board Inc.
- 2014 Principal, Wellar Consulting Inc.
- 2014 Distinguished Research Fellow, Transport Action Canada
- 2014 Professor Emeritus, University of Ottawa
- 2014 Program Director, GIS Retrospective Project
- 2014 Chair, AutoCarto Six Scholarship Committee, University of Ottawa
- 2014 Member, Editorial Board, *Journal of the Urban and Regional Information Systems Association.*
- **2015** President, Information Research Board Inc.
- 2015 Principal, Wellar Consulting Inc.
- 2015 Professor Emeritus, University of Ottawa
- 2015 Distinguished Research Fellow, Transport Action Canada
- 2015 Program Director, GIS Retrospective Project
- 2015 Member, Editorial Board, *Journal of the Urban and Regional Information Systems Association.*
- 2015 Invited Expert Reviewer, Transport Canada and Natural Resources Canada Project, Assessment of Climate Risks and Adaptation Practices for the Canadian Transportation Sector.
- 2015 Luncheon speaker, Friday Lunch Discussion Club, National Capital Region
- 2015 Chair, AutoCarto Six Scholarship Committee, University of Ottawa
- 2016 Organizer and Chair, Applied Research Seminar Mining Federal Agency Materials for GIS Nuggets, 2016 Esri Federal User Conference, Washington, DC
- 2016 Chair, AutoCarto Six Scholarship Committee, University of Ottawa

# 6.0 FUNDED RESEARCH and CONSULTING PROJECTS SINCE 1998.

The full listing of this section began in 1966 while in graduate school at Northwestern University, and exceeded 10 pages in length by 1998. The abbreviated version covers the last seven years prior to retiring from the University of Ottawa in 2005, and includes funded scholarly and research projects as well as consulting assignments since 2005. Proprietary projects/assignments of a confidential nature are not included.

- 1998 Regional Municipality of Ottawa-Carleton, Walking Security Index Project
- 1998 Regional Municipality of Ottawa-Carleton, Newspaper Reportage Study, Walking Security Index Project
- 1998 Urban and Regional Information Systems Association, **Workbook Development**Project

- 1998 Regional Municipality of Ottawa-Carleton, **Walking Security Index Project/Newspaper Reportage Study**
- 1999 Applied Geography Specialty Group, Association of American Geographers, Client-Driven Research Survey.
- 1999 Regional Municipality of Ottawa-Carleton, **Use of the Walking Security Index (WSI) to Evaluate Regional Road Intersections: Pilot Study.** In-kind contribution of Regional Municipality (staff, equipment, facilities).
- 1999 American Chamber of Commerce Researchers Association, **Research Fundamentals Workbook.**
- 1999 Urban and Regional Information Systems Association, **Video development for distance learning.**
- **2001** Durand Community Association, Hamilton, Conference Keynote Presentation.
- 2001 Center for Sustainable Transportation, Meeting of Experts.
- 2001 Urban and Regional Information Systems Association, **Workshop Program Development Project.**
- 2001 Canada Mortgage and Housing Corporation, **GIS and Housing Literature Search and Review.**
- 2002 Miami University (Ohio), McConnell Annual Lecture.
- 2002 MacPherson, Leslie and Tyerman, Regina, Saskatchewan, **Consultation on the Walking Security Index Project.**
- 2003 University of Ottawa, Research and Publications Committee, Faculty of Arts, Conference Presentation, Association of American Geographers, Philadelphia, PA
- 2003 Canada Mortgage and Housing Corporation, Condominium Count and Characterization Pilot Study, Greater Ottawa, Ontario.
- 2004 Canadian Transport Futures Assessment, Centre for Sustainable Transportation, Meeting of SSHRC Proposal Co-Investigators.
- 2004 New vs. the City of Moose Jaw, *et al.*, **Expert Witness Testimony**, civil trial, Regina, SK
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## 9.0 Media Publications

A selection of newspaper and magazine articles published while on faculty at the University of Ottawa has been assembled for the Wellar Virtual Library, which is hosted by the Laboratory for Applied Geomatics and Applied GIS, Department of Geography, University of Ottawa.

The materials may be viewed at:

http://www.geomatics.uottawa.ca/wellarweb/home.htm

## Recent media articles include:

Wellar, Barry, 2016. 'Federal funds for light rail projects, maybe'. Op-Ed, *The Hill Times*, April 4, 2016, page 33. <a href="http://wellar.ca/wellarconsulting/home.html">http://wellar.ca/wellarconsulting/home.html</a>.

Wellar, Barry. 2016. Federal Funds for Light Rail Projects? Maybe, but First ...\*. Original text for the Op-Ed, 'Federal funds for light rail projects, maybe', published in *The Hill Times*, April 4, 2016, page 33. <a href="http://wellar.ca/wellarconsulting/home.html">http://wellar.ca/wellarconsulting/home.html</a>.

## 10.0 CREDENTIALS, CONTACT INFORMATION, AND DATE

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