

**Fazley Siddiq**  
**Biographical Note and**  
**Curriculum Vitae**

January 2023

**Fazley Siddiq** has the distinction of having led a public policy school at a major research-intensive university and a business faculty at another. He served as Director of the School of Public Administration at Dalhousie University from 2005 until 2011 and as Dean of Business at the University of New Brunswick Saint John from 2013 until 2018. Professor Siddiq was a Commonwealth Scholar for his doctoral studies at Dalhousie University, a fellow at the John F. Kennedy School of Government at Harvard University and Canada's 2012-2013 Fulbright Visiting Research Chair in Canada-U.S. Relations at the Woodrow Wilson International Center for Scholars in Washington, DC. He was a tenured professor at Dalhousie until 2013 and since then at UNB. He has taught at Queen's University at Kingston and earlier in his career worked for the World Bank and the United Nations Development Program. Dr. Siddiq was recently awarded a Community Leadership Grant by Fulbright Canada and the United States Embassy in Ottawa to organize and host a workshop on Financial Management for New Immigrants in May 2023.

Professor Siddiq has served on the Executive of the International Atlantic Economic Society (IAES), which honoured him with the 2022 dedicated service award. The IAES holds two international conferences annually and oversees the work of two peer-reviewed journals: *Atlantic Economic Journal* and *International Advances in Economic Research*. In 2017, he was elected to the Board of Directors of the Canadian Federation of Business School Deans, the only dean from the Maritime Provinces on the Federation's Board at the time. Dr. Siddiq served as the Canadian Representative on the Northeast Business Deans Association (NEBDA) Executive from 2014 until 2018, a previously all-American organization whose expansion he championed to include universities in eastern Canada that is now reflected in NEBDA's mission statement.

Professor Siddiq's contribution as Dean of Business at UNB included the formation of an advisory board, which is recognized as one of the most distinguished business school boards in Canada. He initiated the process of achieving AACSB accreditation for the Faculty of Business, first with securing AACSB primary membership in 2014, followed by the successful approval of the Eligibility Application (EA), the appointment of a mentor, finalizing the Assurance of Learning (AoL) and leading the preparation of the initial Self-Evaluation Report (iSER), which was accepted by AACSB in April 2018. Finally, in July 2022, the peer review team's recommendation for accreditation of the business degree programs offered by UNB Saint John was approved by the Initial Accreditation Committee and ratified by the AACSB Board of Directors. Also, as Dean, with near-unanimous support from faculty, he initiated the relocation of the Economics Discipline from the Department of Social Sciences in the Faculty of Arts to the Faculty of Business, heralding a new era of close cooperation between Economics and the existing area groups within the Faculty of Business and with its new faculty hires. The highly acclaimed Co-operative Education and Work-Integrated Learning Canada (CEWIL Canada) accredited BBA Coop and the one-year intensive MBA programs have set the Faculty of Business apart from other business schools and faculties in Atlantic Canada. The MBA program elements – the academic components and the tuition fee structure, generating budgetary surpluses – were streamlined to ensure that students, international students in particular, could seamlessly transition, if required, from the full-time intensive program to full-time continuing or part-time status. During this time, the important task of developing learning goals, learning objectives and measurement rubrics within the broad framework of a curriculum map for each of the undergraduate and graduate programs within the Faculty was also initiated. A new distinctive vision and mission for the Faculty, and a five-year (2017–2022) strategic plan focusing on learning, discovery and service, and engagement with communities from the local to the global were also adopted. Professor Siddiq's recommendation that Assistant Deans be replaced with Associate Deans was implemented to ensure that job titles were closely aligned with the duties of the academic and research leaders within the Faculty. In all cases, the process began with extensive internal deliberations and subsequent approval at Faculty Council followed by the campus-wide Academic Planning and Resources Committee, the Saint John Senate and, where required, the Board of Governors.

Professor Siddiq had also formed the Dean's Executive, which provided advice and recommendations to the Dean, and served as the initial sounding board for key academic, administrative and strategic issues. Regular off-campus retreats with the assistance of facilitators ensured that faculty and staff had the opportunity to brainstorm critical issues freely and develop strategic priorities in a collegial setting. In addition to modernizing and streamlining administrative and committee structures, and the Faculty's website, Professor Siddiq was instrumental in fostering closer relations between the two UNB business faculties.

During his time as Director of the School of Public Administration at Dalhousie, Professor Siddiq also served as Academic Director of Dalhousie's MPA (Management) program, a blended graduate degree program combining online learning with end-of-term intensive classroom instruction, designed for mid-career and senior public servants. He was also responsible for overseeing and staffing all public administration related courses in the Bachelor of Management, a program that he helped launch in 1997. He has supervised the work of senior public servants on full-time multi-year placement at Dalhousie, including federal ADMs and Nova Scotia Government CEOs. Additionally, Dr. Siddiq served as the School's Graduate Coordinator for eight years, directed the MPA Internship Program for five years, chaired numerous selection committees for faculty positions and for Directors of other schools and served as an elected member of the Senate as well as the Senate Academic Priorities and Budget Committee at Dalhousie. He was tenured and promoted to the rank of Associate Professor in 1992 and to Professor in 1999. As School Director, Dr. Siddiq was instrumental in paying off the accumulated deficit in the MPA (M) program and generating \$5 million in external contributions, research grants and contracts, and significant *pro bono* and *in-kind* contributions.

Professor Siddiq has taught courses in the areas of managerial economics, macroeconomics, public economics, environmental economics, applied economics, economic policy and management, regional economic development, Canadian economic history, quantitative methods, and business planning. He specializes in studies on the distribution of income and wealth, and the measurement of inequality, labour economics and public policy, demographic trends and economic development. Dr. Siddiq's authored and co-authored publications have appeared in *The Review of Income and Wealth, Acadiensis, Canadian Journal of Regional Science, A.C.E.A. Papers, Nova Scotia Historical Review, Social Science Review, Canadian Historical Review, Research in Economic Inequality, Empirical Economics, Economics Letters, Canadian Business Economics, International Advances in Economic Research, Public Sector Management, Canadian Public Policy* and *International Journal of Intelligent Systems*. His current research is in two broad areas: measuring global prosperity using Data Envelopment Analysis (DEA); and the underlying causes of sub-national population volatility. His book on the rise and fall of North American populations, exploring subnational population volatility and migration in Canada and the United States is nearing completion. He is particularly interested in the worrisome trend towards the hollowing out of rural communities and the rapid expansion of cities. His refereeing work has included reviews of grant applications, journal articles, and applications for professorships at Canadian and British universities. Dr. Siddiq has presented papers and given lectures at scholarly meetings across Asia, Australia, Europe and the Americas. He also engaged in collaborative research with scholars at Queen's University at Kingston during a sabbatical leave in 1992-1993, following which he served as a visiting fellow at the University of New South Wales. Professor Siddiq's international appearances have included invitations to speak and chair sessions at workshops and conferences in Athens, Boston, Cardiff, Charleston, Dhaka, Hanoi, Havana, Karachi, Kathmandu, London, Madrid, Melbourne, Miami, Newport, New York, Perugia, Rome, Vienna, Warsaw and Washington, D.C.

Dr. Siddiq has served as a United Nations expert on curriculum development at the University of Dhaka and delivered a series of course modules on economic development in Kathmandu over a three-year period in the 1990s. He has trained academic instructors overseas and between 1997 and 2010, developed and taught courses on stabilization policy, public choice and cost-benefit analysis, and expenditure policy to public servants in Cuba and Vietnam. Additionally, at the invitation of the Canadian Consortium of Management Schools, Dr. Siddiq conducted faculty development workshops on economic development in Karachi and Dhaka. He played a key role in the Ukraine Project of the Canadian Bureau of International Education at Dalhousie, the Canada-China Management Education Program funded by CIDA, and Dalhousie's three successive public sector capacity building projects in Cuba, also funded by CIDA. Earlier in his career, Dr. Siddiq worked with small farmers in rural Bangladesh during an assignment with FAO-UN.

Additionally, Professor Siddiq has provided advice on economic policy and institutional reform, served as a consultant for federal and provincial governments in Canada on the environment and the economy, and on sales tax harmonization. He has served as principal investigator for a range of research projects, from an assessment of best practices in addressing the underground economy to measuring the economic impact of international students. Dr. Siddiq has served on the boards of the Canadian Federation of Business School Deans and the Northeast Business Deans Association. He has also served on the boards of the JD Irving Research Chair in Occupational Medicine at Dalhousie Medicine New Brunswick, the Canadian Association of Programs in Public Administration, the Institute of Public Administration of Canada and the Atlantic Canada Economics Association. He is a life member of the International Atlantic Economic Society.

# ***Fazley Siddiq***

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**Citizenship:** Canadian

**Education:** **Ph.D.**, 1986, **Dalhousie University**, Economics  
Commonwealth Scholar (*September 1980 – December 1985*)

Visiting Graduate Student, **Queen's University**, Economics  
(*July – August 1981*)

**M.A.**, 1979, **University of Dhaka**, Economics

**B.A. (Honours)**, 1977, **University of Dhaka**, Economics (Honours),  
Political Science and Statistics (Subsidiary)

Primary, Secondary and Higher Secondary: England and Bangladesh

**Ph.D. Dissertation:** The Inequality of Wealth and its Distribution in a Life-Cycle Framework  
(Supervisor: Professor Lars Osberg)

**Research Interests:** Income and Wealth Inequality  
Labour Economics and Public Policy  
Population Studies and Economic Development  
Financial Economics

**Administrative Appointments:** **Dean of Business** (*October 2013 – September 2018*)  
University of New Brunswick Saint John

**Director** (*July 2005 – June 2011*)  
**Academic Director**, MPA (M) Program (*January 2005 – June 2011*)  
**Acting Director** (*January – June 2005*)  
**Associate Director** (*July 1990 – June 1995*)  
**Graduate Coordinator** (*July 1990 – June 1998*)  
School of Public Administration, Dalhousie University

**Academic/Research Appointments:** **Professor of Economics and Finance** with tenure (*October 2013 – present*)  
University of New Brunswick Saint John

**Visiting Professor** (*April 2019 – December 2019*)  
Department of Economics, Dalhousie University

**Professor of Economics** with tenure (*July 1999 – September 2013*)  
**Associate Professor of Economics** with tenure (*July 1992 – June 1999*)  
**Assistant Professor of Economics** (*January 1986 – June 1992*)  
School of Public Administration, Dalhousie University

**Academic/Research  
Appointments (cont.):**

**Alfred Taubman Visiting Scholar** (September 2012 – June 2013)  
John F. Kennedy School of Government, Harvard University  
**Fulbright Visiting Research Chair** (September 2012 – May 2013)  
Woodrow Wilson International Center for Scholars  
**Malcolm Wiener Fellow** (July 2011 – June 2012)  
John F. Kennedy School of Government, Harvard University  
**Visiting Fellow** (May – June 1993)  
Department of Economics, University of New South Wales  
**Visiting Associate Professor** (July 1992 – June 1993)  
Department of Economics, Queen's University

**Research in Progress:**

Lee, T., Siddiq, F. & H. Klymentieva, “Applying the Lorenz Curve and Gini Coefficient to Measure the Distribution of Population,” undergoing peer review.

Siddiq, F., *Divergent Paths, Fragmented Societies? The Remarkable Rise and Fall of North American Populations*, Fulbright Book Project, unpublished manuscript in preparation.

Siddiq, F., Amin, G. & T. Lee, “Characterizing Subnational Population Volatility: The Importance of Abnormal Fluctuations,” unpublished manuscript in preparation.

**Publications in Journals:**

Siddiq, F., “The Extraordinary Decline of Non-metropolitan Areas in Canada and the United States,” *International Advances in Economic Research*, Vol. 26, No. 2, May 2020, 189-91.

Amin, G. & F. Siddiq, “Measuring Global Prosperity using Data Envelopment Analysis and OWA Operator,” *International Journal of Intelligent Systems*, Vol. 34, No. 10, October 2019, pp. 2713-38.

Siddiq, F. & J. Fischer, “Population Volatility in Large Counties in the United States,” *International Advances in Economic Research*, Vol. 19, No. 3, August 2013, pp. 321-3.

Siddiq, F. & S. Babins, “Trends in Population Growth Inequality across Subnational Jurisdictions in Canada,” *Canadian Public Policy*, Vol. 39, No. S1, May 2013, pp. 41-64.

Siddiq, F., Nethercote, W., Lye, J. & J. Baroni, “The Economic Impact of International Students in Atlantic Canada,” *International Advances in Economic Research*, Vol. 18, No. 2, May 2012, pp. 239-40.

Siddiq, F. “A Framework for Analyzing the Impact of International Students on Economic Development,” *International Advances in Economic Research*, Vol. 16, No. 1, February 2010, pp. 126-7.

Siddiq, F. “Focus on Schools and Education: Dalhousie University School of Public Administration,” *Public Sector Management*, Vol. 19, No. 1, 2008, pp. 21-3.

Siddiq, F. “Managing Canada’s Federal Debt: A Risk Analysis of Alternative Debt Instruments,” *International Advances in Economic Research*, Vol. 12, No. 1, February 2006, pp. 140-1.

Safa, M. & F. Siddiq, “Is the Ricardian Equivalence Relevant in Determining Economic Trends? An Empirical Assessment of the Canadian Experience,” *A.C.E.A. Papers*, Vol. 33, October 2004, pp. 1-34.

Siddiq, F. "Is the Term Structure of Interest Rates Related to Debt Magnitude: Some Evidence from Recent Canadian Experience," *A.C.E.A. Papers*, Vol. 32, October 2003, pp. 1-36.

Siddiq, F. & T. Mercer "Ottawa's Millennial Challenge: Servicing the Federal Debt at the Turn of the Century," *Canadian Business Economics*, Vol. 8, No. 1, February 2000, pp. 27-41.

Parker, S. & F. Siddiq, "Seeking a Comprehensive Measure of Economic Well-Being: Annuitization versus Capitalization," *Economics Letters*, Vol. 54, 1997, pp. 241-44.

Siddiq, F. & C. Beach, "Characterizing Life-Cycle Wealth Distributions Using Statistical Inference and Dominance Criteria," *Empirical Economics*, Vol. 20, No. 4, December 1995, pp. 551-75.

Osberg, L. & F. Siddiq, "The Acquisition of Wealth in Nova Scotia in the Late Nineteenth Century," *Research in Economic Inequality*, Vol. 4, December 1993, pp. 181-202, JAI Press Inc., Greenwich, CT.

Gwyn, G. & F. Siddiq, "Wealth Distribution in Nova Scotia during the Confederation Era, 1851 and 1871," *Canadian Historical Review*, Vol. 73, No. 3, December 1992, pp. 435-52.

Siddiq, F. & J. Gwyn, "The Importance of Probate Inventories in Estimating the Distribution of Wealth," *Nova Scotia Historical Review*, Vol. 11, No. 1, June 1991, pp. 103-17.

Siddiq, F. & P. Brown, "On the Size and Potential of the Environmental Industry in Atlantic Canada," *A.C.E.A. Papers*, Vol. 19, October 1990, pp. 162-82.

Siddiq, F. "On the Measurement of Wealth Inequality in Canada," *Social Science Review*, Vol. 7, No. 1, June 1990, pp. 54-76.

Siddiq, F. "Nineteenth Century Wealth Transfers in Nova Scotia: The Administration of Probate," *Nova Scotia Historical Review*, Vol. 9, No. 2, December 1989, pp. 35-48.

Siddiq, F. "Historical and Contemporary Distributions of Wealth: Methods and Evidence," *A.C.E.A. Papers*, Vol. 18, October 1989, pp. 35-53.

Siddiq, F. & P. Brown, "Economic Impact of Environmental Production," *Canadian Journal of Regional Science*, Vol. 12, No. 3, Autumn 1989, pp. 355-65.

Siddiq, F. Brown, P. & A. Bell, "The Structure and Composition of the Environmental Industry in Nova Scotia," *A.C.E.A. Papers*, Vol. 17, October 1988, pp. 45-65.

Siddiq, F. "The Size Distribution of Probate Wealthholdings in Nova Scotia in the Late 19th Century," *Acadiensis*, Vol. 18, No. 1, Autumn 1988, pp. 136-47.

Osberg, L. & F. Siddiq, "The Inequality of Wealth in Britain's North American Colonies: The Importance of the Relatively Poor," *The Review of Income and Wealth*, Series 34, No. 2, June 1988, pp. 143-63.

### **Book Chapters:**

Siddiq, F. "Comments on paper entitled 'Defining Household Wealth in Business'" by Ricardo Bonci (Bancad'Italia), Luigi Cannari (Bancad'Italia), Alexandros Karagrigoriou (University of Cyprus), Grazia Marchese (Bancad'Italia) and Andrea Neri (Bancad'Italia), in *Construction and Usage of Microdata on Household Wealth: The Luxembourg Wealth Study*, Rome: Bank of Italy, September 2007.

Pross, P. & F. Siddiq, "Universities in the Nova Scotian Economy," in *Working with the Region*, edited by I. McAllister, Halifax: Henson College, 1997, pp. 109-46.

**Published Essays/Op-Eds as Fulbright Visiting Research Chair:**

Siddiq, F. "Female premiers: From Rita Johnston to Kathleen Wynne – and beyond," *The Vancouver Sun*, February 8, 2013.

Siddiq, F. "Obama's inauguration: The view from the embassy," *iPolitics*, January 22, 2013.

Siddiq, F. "All Eyes on Justin Trudeau," *The Mark*, January 8, 2013.

Siddiq, F. "How the Demographic Shift is Changing Politics in America," *The Mark*, January 2, 2013.

Siddiq, F. "What Republicans should learn from Obama and Harper," *iPolitics*, December 13, 2012.

Siddiq, F. "Mixed Electoral Outcomes and the Triumph of Ideological Politics," *The Mark*, December 10, 2012.

Siddiq, F. "American Wealth, Power, Poverty and Inequality: Glimpses of Election Day through the Eyes of a Visitor," *Fulbright Canada*, November 9, 2012.

**Selected Reports and other Publications:**

*The Economic Impact of Post-secondary International Students in Atlantic Canada: An Expenditure Analysis*, report submitted to the Council of Atlantic Ministers of Education and Training (CAMET), July 2010.

*A DRDC Management Accountability Framework Results of Cycle 2*, report submitted to Defence R&D Canada – Atlantic, Defence Research and Development Canada, DRDC Atlantic CR 2009-135, September 2009.

*The Economic Impact of International Students Enrolled in Nova Scotia Universities: An Expenditure Analysis*, report submitted to the Department of Education, Government of Nova Scotia, August 2009.

*Study of Best Practices in Addressing the Cash Sectors of the Underground Economy*, report submitted to the Canada Revenue Agency, July 2009.

*A DRDC Management Accountability Framework Results of Cycle 1*, report submitted to Defence R&D Canada – Atlantic, Defence Research and Development Canada, DRDC Atlantic CR 2008-188, October 2008.

*A Survey on the Recruitment of Graduates of Master's Programs in Public Administration and Public Policy*, report submitted to the Canadian Association of Programs in Public Administration (CAPPA) March, 2006.

*A Theoretical Evaluation of the Impact of Sales Tax Harmonization on Municipal Expenditures*, report submitted to The Department of Finance, Government of Nova Scotia, October 1996.

*A Characterization of the Environmental Industry in Atlantic Canada* (with Paul Brown and Alan Bell), report submitted to Industry, Science & Technology Canada, Environment Canada, Atlantic Canada Opportunities Agency, and the Governments of Nova Scotia, New Brunswick, Prince Edward Island and Newfoundland, July 1991.

*Suggested Revisions to the Economics Curriculum of the University of Dhaka*, report submitted to the United Nations Development Program and the University of Dhaka, September 1989.

***Environmental Economic Sector in Nova Scotia*** (with Paul Brown and Alan Bell), report submitted to Environment Canada, Department of Regional Industrial Expansion, Atlantic Canada Opportunities Agency and the Nova Scotia Department of Industry, Trade and Technology, March 1988.

World Bank Report No. 4108-IN, ***Power Sector in Orissa***. Helped estimate the shadow price of electricity and in editing, September 1982.

World Bank Report No. 2761-BD, ***Bangladesh Food Policy Issues***. Helped in collecting, processing and analyzing data, and in editing, 1980.

Report on an action-cum-research project, ***Small Farmers and Landless Labourers*** (Editor), submitted to the Planning Commission of Bangladesh and FAO/UN, 1979.

### **External Research Grants and Contracts (2005 – present):**

Community Leadership Grant to design and host a workshop entitled “Financial Management for New Immigrants,” sponsored by Fulbright Canada-United States Embassy in Ottawa, **\$8,000**, Halifax, Nova Scotia, May 12-14, 2023.

Fulbright Foundation for Educational Exchange Between Canada and the United States of America, sponsored by the Bureau of Educational and Cultural Affairs, United States Department of State and the Woodrow Wilson International Center for Scholars, **US\$25,000** plus research assistance and expenses for travel to seminars and conferences, September 2012 – May 2013.

Coordinator, “Policy Formulation Workshop for Operational Managers,” Public Service Commission, Government of Nova Scotia, **\$41,250**, September 2010 – March 2011.

Coordinator, “Eleventh Annual Atlantic Conference on Public Administration,” Atlantic Canada Opportunities Agency and Nova Scotia Treasury Board, **\$42,450**, April 2010 – March 2011.

Principal Investigator, “The Economic Impact of Post-secondary International Students in Atlantic Canada: An Expenditure Analysis,” Council of Atlantic Ministers of Education and Training (CAMET), **\$70,182**, October 2009 – August 2010.

Coordinator, “Tenth Annual Atlantic Conference on Public Administration,” Atlantic Canada Opportunities Agency and Nova Scotia Treasury Board, **\$32,579**, April 2009 – March 2010.

Co-Principal Investigator and Contract Project Manager, “Development of a Management Accountability Framework,” (with Warren Nethercote), Defence Research Development Centre, Department of National Defence, **\$73,901**, April 2008 – October 2009.

Principal Investigator, “The Economic Impact of International Students Enrolled in Nova Scotia Universities: An Expenditure Analysis,” Department of Education, Government of Nova Scotia, **\$71,800**, April 2008 – March 2009.

Coordinator, “Developing and Implementing a Municipal Stream in Dalhousie’s MPA Program,” Service Nova Scotia and Municipal Relations, Nova Scotia Municipal Finance Corporation, Union of Nova Scotia Municipalities and the Association of Municipal Administrators of Nova Scotia, **\$375,000**, March 2008 – June 2011.

Coordinator, “Ninth Annual Atlantic Conference on Public Administration,” Atlantic Canada Opportunities Agency, Nova Scotia Policy and Treasury Board, and Institute of Public Administration of Canada, **\$43,136**, April 2008 – March 2009.

Coordinator, “Policy Formulation Workshop for Operational Managers,” Public Service Commission, Government of Nova Scotia, **\$30,000**, September 2007 – March 2008.



Co-Coordinator, “Internship-Linked Projects,” (with David Stuewe), Government of Nova Scotia, **\$320,000**, September 2007 – December 2010.

Co-Investigator, “Economy, Efficiency and Effectiveness: A Framework to Strengthen Citizen-Centered Engagement and Delivery of Public Services in Cuba,” (with Martine Durier-Copp and several associates), Canadian International Development Agency, **\$499,950**, April 2007 – March 2011.

Principal Investigator, “Study of Best Practices in Addressing the Cash Sectors of the Underground Economy,” Canada Revenue Agency, **\$66,000**, April 2007 – March 2009.

Coordinator, “Eighth Annual Atlantic Conference on Public Administration,” Atlantic Canada Opportunities Agency, Nova Scotia Policy and Treasury Board, and Institute of Public Administration of Canada, **\$50,200**, April 2007 – March 2008.

Coordinator, “Seventh Annual Atlantic Conference on Public Administration,” Atlantic Canada Opportunities Agency, Nova Scotia Policy and Treasury Board, and Institute of Public Administration of Canada, **\$42,450**, April 2006 – March 2007.

Principal Investigator, “A Survey on the Recruitment of Graduates of Master’s Programs in Public Administration and Public Policy,” Canadian Association of Programs in Public Administration (CAPPA) and the Canada School of Public Service (CSPS), **\$3,000**, April 2005 – March 2006.

Coordinator, “Sixth Annual Atlantic Conference on Public Administration,” Atlantic Canada Opportunities Agency, Atlantic Council of Premiers, Nova Scotia Treasury and Policy Board, and Institute of Public Administration, **\$30,330**, April 2005 – March 2006.

Co-Investigator, “Mainstreaming Health Human Resources Innovations (MHHRI),” (with Martine Durier-Copp and several associates), Health Canada, **\$220,000**, April 2005 – March 2006.

Coordinator, “Policy Formulation Workshop for Operational Managers,” Series of six one-week intensive workshops offered over three years to groups of 25 public servants each time; Public Service Commission, Government of Nova Scotia, **\$160,000**, January 2005 – March 2007.

### **Selected Conferences:**

“Applying the Lorenz Curve and Gini Coefficient to Measure the Distribution of Population,” (with Taylor Lee and Halyna Klymentieva), paper presented; and Discussant, session on “Welfare Theory, Information and Uncertainty” at the Ninety-Fourth International Atlantic Economic Conference, Washington, D.C., October 6 – 9, 2022.

“Subnational Population Volatility in Canada and the United States over the Decades,” paper presented; and Discussant, session on “Political Economy” at the Eighty-Eighth International Atlantic Economic Conference, Miami, October 17 – 20, 2019.

“Measuring Global Prosperity Using Data Envelopment Analysis,” (with Gholamreza Amin), paper presented; and Discussant, session on “Economic Development I”; and Chair, session on “Public Finance I” at the Eighty-Sixth International Atlantic Economic Conference, New York, October 12 – 15, 2018.

“Business School Leadership: Approaches for Problem-Solving Protocols and Collaboration,” Canadian Representative on the NEBDA Executive and Member, Conference Organizing Committee; Panelist, “Plenary Session # 3: Pathways to Collaboration and Experiential Education Globally,” at the 2016 Northeast Business Deans Association Annual Conference, University of New Hampshire, Durham, September 22 – 23, 2016.

“Beyond Borders and Boundaries: Exploring Interdisciplinary Opportunities and Cross Border Partnerships,” Canadian Representative on the NEBDA Executive and Member, Conference Organizing Committee; Moderator and Panelist, “Plenary Session # 2: Partnering with Industry: Trends in Business Education,” at the 2015 Northeast Business Deans Association Annual Conference, University of Massachusetts, Boston, September 24 – 25, 2015.

“Fifty Years of Growth and Decline of Subnational Population in the United States,” paper presented; Discussant, session on “Economic Development”; and Chair, session on “Public Finance” at the Seventy-fifth International Atlantic Economic Conference, Vienna, Austria, April 3 – 6, 2013.

“Volatility in the Growth and Decline of Population across Subnational Jurisdictions in Canada” (with Shira Babins), paper presented; and Discussant, session on “Economic Growth and Aggregate Productivity” at the Seventy-Second International Atlantic Economic Conference, Washington, D.C., October 20 – 23, 2011.

“The Economic Impact of International Students in Atlantic Canada” (with Judy Baroni, Jeannette Lye and Warren Nethercote), paper presented; and Discussant, session on “Finance and Governance” at the Seventy-First International Atlantic Economic Conference, Athens, Greece, March 16 – 19, 2011.

Chair, session on “Public Finance Issues,” at the Seventieth International Atlantic Economic Conference, Charleston, South Carolina, USA, October 10 – 13, 2010.

Chair, session on “Sustainability,” at the Sixty-eighth International Atlantic Economic Conference, Boston, USA, October 8 – 11, 2009.

“A Framework for Analyzing the Impact of International Students on Economic Development,” paper presented; Discussant, session on “Growth and Development”; and Chair, session on “Public Administration” at the Sixty-seventh International Atlantic Economic Conference, Rome, Italy, March 11 – 14, 2009.

“Measuring the Size of the Underground Economy: Cross Jurisdictional Comparisons” (with Emily Zbieranowski), paper presented; Discussant, session on “Public Finance II”; and Chair, session on “Prices and Markets” at the Sixty-fifth International Atlantic Economic Conference, Warsaw, Poland, April 9 – 13, 2008.

Chair, session on “Capital and Investments,” at the Sixty-third International Atlantic Economic Conference, Madrid, Spain, March 14 – 18, 2007.

“A Survey on the Recruitment of Graduates of Master’s Programs in Public Administration and Public Policy,” report presented at the 20<sup>th</sup> Annual University Seminar of the Canada School of Public Service (CSPS), Ottawa, May 3 – 5, 2006.

“Managing Canada’s Federal Debt: A Risk Analysis of Alternative Debt Instruments” paper presented, and Discussant, session on “Financial and Monetary Issues” at the Fifty-Ninth International Atlantic Economic Conference, London, United Kingdom, March 9 – 13, 2005.

“Managing the Federal Debt: A Risk Analysis of Alternative Borrowing Strategies,” paper presented and Chair, session on “Empirical Financial Economics,” at the 2004 Annual Meetings of the Canadian Economics Association, Ryerson University, Toronto, June 4 – June 6, 2004.

“Is the Term Structure of Interest Rates Exogenous to Debt Magnitude? Some Evidence from Recent Canadian Experience,” paper presented at the 2003 Annual Conference of the Atlantic Canada Economics Association, University of Prince Edward Island, Charlottetown, October 17 – 19, 2003.

“The Economic Impact of Deficit Financing: Some Evidence from the Canadian Experience” (with Mohammad Safa), paper presented, and Discussant, session on “Fiscal Policy I,” at the 2003 Annual Meetings of the Canadian Economics Association, Carleton University, Ottawa, May 29 – June 1, 2003.

“The Redistributive Impact of Federal Taxes and Transfers on Canadian Provinces,” paper presented at the 2002 Annual Meetings of the Canadian Economics Association, University of Calgary, Calgary, May 30 – June 2, 2002.

“Is the Term Structure of Interest Rates Exogenous to Debt Magnitude? Some Evidence from Recent Canadian Experience,” paper presented. Discussant, sessions on “Distributions of Income and Wealth,” and “The Term Structure of Interest Rates,” and Chair, session on “Fiscal Policy and the National Debt,” at the 2001 Annual Meetings of the Canadian Economics Association, McGill University, Montreal, May 31 – June 3, 2001.

“The Potential for Lowering Federal Debt Service Charges: An Analysis of the Key Borrowing Instruments,” paper presented, and Chair and Discussant, session on “Monetary Policy and Debt Reduction,” at the 2000 Annual Meetings of the Canadian Economics Association, University of British Columbia, Vancouver, June 1–4, 2000.

Invited Discussant, “Conference on the Measurement of Inflation,” organized and sponsored by Cardiff Business School, Cardiff University, the United Kingdom Office for National Statistics (ONS) and Eurostat – the Statistical Office of the European Communities, Cardiff University, Cardiff, Wales, August 31 – September 1, 1999.

“Seeking an Improved Measure of Economic Well-Being: A Joint Analysis of Income and Wealth Accounts,” paper presented to the Twenty-seventh Annual Conference of the Atlantic Canada Economics Association, University of New Brunswick, Saint John, October 23–25, 1998.

“Federal Debt Service Charges,” paper presented to the 1998 Annual Meetings of the Canadian Economics Association, University of Ottawa, Ottawa, May 28–31, 1998.

“On the Distribution of Income of Individuals and Family Units,” paper presented, and Discussant, session on “Income Inequality over Time,” at the 1996 Annual Meetings of the Canadian Economics Association, Brock University, St. Catharines, May 31 – June 2, 1996.

“The Sensitivity of the Distribution of Income to Alternative Definitions of Income,” paper presented, and Chair, session on “Economic History,” at the 1995 Annual Meetings of the Canadian Economics Association, University of Quebec at Montreal, Montreal, June 2–4, 1995.

“Characterizing Life-Cycle Wealth Distributions in Canada using Dominance Criteria” (with Charles Beach), paper presented to the 1993 Annual Meetings of the Canadian Economics Association, Carleton University, Ottawa, June 4–6, 1993.

“The Dimensions of Provincial Environmental Protection Spending” (with Paul Brown), paper presented to the 1991 Annual Meetings of the Canadian Political Science Association; Chair, session on “Education,” and Discussant, session on “Economic History,” at the 1991 Annual Meetings of the Canadian Economics Association, Queen's University, Kingston, June 2–4, 1991.

“On the Size and Potential of the Environmental Industry in Atlantic Canada” (with Paul Brown), paper presented, and Discussant, session on “Labour,” at the Nineteenth Annual Conference of the Atlantic Canada Economics Association, Memorial University of Newfoundland, St. John's, October 25–27, 1990.

“On the Measurement of Wealth Inequality in Canada,” paper presented to the Twenty-First General Conference of the International Association for Research in Income and Wealth, Lahnstein, West Germany, August 20–25, 1989.

“The Acquisition of Wealth in Nova Scotia in the 1870s” (with Lars Osberg), paper presented to the 1989 Annual Meetings of the Canadian Economics Association, Laval University, Quebec City, June 2–4, 1989.

“The Structure and Composition of the Environmental Industry in Nova Scotia” (with Paul Brown and Alan Bell), paper presented to the Seventeenth Annual Conference of the Atlantic Canada Economics Association, Acadia University, Wolfville, October 20–22, 1988.

“Historical Measurement of Wealth Inequality -- The Importance of Missing Observations” (with Lars Osberg), paper presented to the Twentieth General Conference of the International Association for Research Income and Wealth, Rocca di Papa, Rome, Italy, August 23–29, 1987.

“Problems of Measuring Wealth Inequality over Time,” paper presented to the Fifteenth Conference on the Use of Quantitative Methods in Canadian Economic History, McMaster University, Hamilton, March 20–21, 1987.

“The Inequality of Wealth and its Distribution within Regional and Occupational Groups,” paper presented to the 1986 Annual Meetings of the Canadian Economics Association, University of Manitoba, Winnipeg, May 29–31, 1986.

“Wealth Inequality in its Historical Context: The Case of Nova Scotia,” paper presented to the Fourteenth Conference on the Use of Quantitative Methods in Canadian Economic History, University of Montreal, Montreal, October 18–19, 1985.

### **Courses Taught:**

#### **UNB Saint John**

ECON 1023: Introduction to Macroeconomics, 2019/20, 2020/21, 2021/22, 2022/23.

ECON 3755: Environmental Economics, 2019/20, 2020/21, 2021/2022, 2022/23.

MBA 7010/7011: Integrated Business Plan (Module 4), 2019/20, 2020/21, 2021/22.

MBA 7010/7011: Integrated Business Plan (Module 5), 2017/18, 2019/20, 2020/21, 2021/22, 2022/23.

#### **Dalhousie University**

PUAD 5130.06: Applied Economics (with Barbara Jamieson), 1985/86.

PUAD 5140.06: Quantitative Methods for Public Sector Management (with William Coffey), 1985/86.

PUAD 5130.03: Managerial Economics, 1986/87 – 1989/90, 1991/92, 1993/94 – 2004/05.

PUAD 5131.03: Public Economics, 1987/88, 1993/94 – 2003/04.

MGMT 5135.03: Managerial Economics, 1998/99.

PUAD 5141.03: Quantitative Methods for Public Sector Management, 1986/87 – 1991/92.

PUAD 6230.03: Intermediate Applied Economics I, 1986/87 – 1991/92.

PUAD 6235.03: Issues in Applied Economics, 1988/89, 1993/94 – 2004/05.

PUAD 6510.03: Policy Analysis Project, 1993/94 – 1994/95 (with Paul Pross); 1995/96 – 1998/99.

PUAD 6525.06: Practicum in Policy Analysis and Management, 2000/01 – 2010/11.

PUAD 6540.03: Canadian Regional Development Policy, 1986/87 – 1991/92.

PUAD 6785.03: Advanced Quantitative Methods for Public Sector Management, 1986/87 – 1987/88.

PUAD 6855.03: Co-operative Internship, 2000/01 – 2003/04.

### **Queen's University**

ECON 418C: Microeconomics Seminar in Regional Development, 1992/93.

ECON 430: Issues in Economic History, 1992/93.

### **United States and Overseas Experience:**

#### **Invited Lectures and Seminars**

Presented the keynote talk entitled “Prosperity or Death by a Thousand Cuts? Fifty Years of Subnational Population trends in Canada and the United States,” at a seminar on “The Rise and Fall of North American Populations: Exploring Migration and Immigration in Canada and the United States,” commentary by Jeanne Batalova and moderated by Blair Ruble, Canada Institute, Woodrow Wilson International Center for Scholars, Washington, D.C., May 1, 2013.

Invited Panel Speaker, session on “How do Other Democracies Manage Executive Transitions after Elections,” at the 2012 Academy Fall Meeting entitled “Memos to National Leaders” of the National Academy of Public Administration, Washington, D.C., November 14-16, 2012.

Invited Discussant, session on “Debt, Businesses and Pensions” at the workshop on Construction and Usage of Comparable Microdata on Household Wealth: The Luxembourg Wealth Study, by invitation from the Luxembourg Wealth Study and the Bank of Italy, Perugia, Italy, January 27 – 29, 2005.

Presented a seminar entitled “Key Issues in Efficiency and Optimization” at the Scientific Workshop on Public Policy, by invitation from the Training in Economic Management Project (Cuba), funded under contract to the Canadian International Development Agency, University of Matanzas, Matanzas, June 10 – 12, 2002.

Conductor, Faculty Development Workshop on “Economic Management,” at the Centre for Management Development (CMD), International University of Business Agriculture and Technology (IUBAT), by invitation from the Canadian Consortium of Management Schools (CCMS) and IUBAT, Dhaka, February 18 – 20, 2000.

Conductor, Faculty Development Workshop on “Economic Development,” at the Institute of Business Administration (IBA), University of Karachi, by invitation from the Canadian Consortium of Management Schools (CCMS), the Association of Management Development Institutions in Pakistan (AMDIP) and IBA, University of Karachi, Karachi, August 16 – 18, 1999.

Presented a seminar entitled “Issues in Economic Well-Being: Alternative Definitions and Measurement Approaches” at the Institute of Business Administration (IBA), University of Dhaka. This seminar was delivered at the invitation of the Canadian Consortium of Management Schools (CCMS), the Association of Management Development Institutions in Bangladesh (AMDIB) and the Centre for Management Research and Publications of IBA, University of Dhaka, Dhaka, August 9, 1999.

Presented a seminar entitled “Characterizing Life-Cycle Wealth Distributions in Canada,” by invitation from the University of Melbourne, Parkville, Victoria, Australia, June 16, 1993.

Invited Speaker, workshops on “Planning and Management of Rural Development” and “Environmental Management,” by invitation from the Dalhousie/Tribhuvan University Linkage Project in Human Resource Development, Centre for Economic Development and Administration, Tribhuvan University, Kathmandu, Nepal, May 23 – June 4, 1993.

Presented a talk entitled “The Dimensions of Provincial Environmental Protection Spending in Canada,” by invitation from the Centre for Economic Development and Administration, Tribhuvan University, Kathmandu, Nepal, December 18, 1992.

Invited Speaker, workshop on “Planning and Management of Rural Development,” by invitation from the Dalhousie/Tribhuvan University Linkage Project in Human Resource Development, Centre for Economic Development and Administration, Tribhuvan University, Kathmandu, Nepal, December 9–17, 1992.

Invited Speaker, workshop on “Planning and Management of Rural Development,” by invitation from the Dalhousie/Tribhuvan University Linkage Project in Human Resource Development, Centre for Economic Development and Administration, Tribhuvan University, Kathmandu, Nepal, August 7–29, 1991.

### **Training and Advising**

Adviser and Trainer, Training in Economic Management Project (Cuba), Phase III, funded under contract to the Canadian International Development Agency, April 2007 – August 2010.

Adviser and Trainer, Training in Economic Management Project (Cuba), Phase II, funded under contract to the Canadian International Development Agency, April 2001 – December 2003.

Course Developer, Instructor and Trainer, Vietnam-Canada Financial Management Project (VCFMP), funded under contract to PricewaterhouseCoopers and the Canadian International Development Agency, September – October 2000.

Course Developer, Instructor and Trainer, Training in Economic Management Project (Cuba), funded under contract to the Canadian International Development Agency, April 1998 – March 2001.

Independent Specialist, under the TOKTEN (Transfer of Knowledge through Expatriate Nationals) Scheme of the United Nations Development Program; advised the Department of Economics of the University of Dhaka on curriculum development and academic planning, July 5 – August 19, 1989.

### **Research Supervision**

Supervisor of Professor Chen Gong, Canada/China Management Education Program, Phase II, 1993/94.

Supervisor of Ph.D. candidate Shao Yun Tang, Canada/China Management Education, Program Phase II, 1989/90.

### **Course Modules Taught**

Instruments of Economic Policy, Havana, Cuba, February 1999 and March 2000.

Public Choice and Cost-Benefit Analysis, Havana, Cuba, May 1999 and May 2000.

Introduction to Public Finance: Expenditure Policy, Hanoi, Vietnam, October 2000.

## **Appointments**

Alfred Taubman Visiting Scholar, Taubman Center for State and Local Government, John F. Kennedy School of Government, Harvard University, Cambridge, MA 02138, United States of America, September 2012 – June 2013.

Fulbright Visiting Research Chair in Canada-U.S. Relations, Canada Institute, Woodrow Wilson International Center for Scholars, Washington, DC 20004-3027, United States of America, September 2012 – May 2013.

Malcolm Wiener Fellow, Malcolm Wiener Center for Social Policy, John F. Kennedy School of Government, Harvard University, Cambridge, MA 02138, United States of America, July 2011 – June 2012.

Visiting Fellow, Department of Economics, University of New South Wales, Kensington, NSW, Australia, May – June 1993.

Researcher, The World Bank, Washington, DC, United States of America. Helped carry out economic and sector work with respect to the shadow price of electricity and the implications of using such a shadow price in the appraisal of non-power projects, May – August 1982.

Program Officer, United Nations Development Program, Dhaka, Bangladesh, May – August 1980. Supervised the operation of a number of UNDP projects in the agriculture, science and technology, and energy sectors, and investigated problems related to project activity.

Assistant Program Officer, The World Bank Resident Mission, Dhaka, Bangladesh, August 1979 – April 1980. Collected and processed statistical data on food policy issues in Bangladesh, and assisted in the supervision of three World Bank projects.

Editor, The Planning Commission of Bangladesh and the Food and Agriculture Organization of the United Nations (FAO/UN), May – December 1979. Edited four volumes of reports and workshop proceedings in connection with a research project on small farmers and landless labourers.

## **Boards and Professional Societies:**

Dedicated Service Award, International Atlantic Economic Society, Washington, D.C., October 7, 2022.

Officer of the Executive Committee, International Atlantic Economic Society, 2019 – 2022.

Director at Large, Canadian Federation of Business School Deans (*CFBSD*), 2017 – 2018.

Canadian Representative, Northeast Business Deans Association (*NEBDA*), 2014 – 2018.

Advisory Board, JD Irving Ltd. Research Chair in Occupational Medicine, DMNB, 2013 – 2018.

UNB Saint John Representative, Canadian Federation of Business School Deans (*CFBSD*), 2013 – 2018.

Education Leadership Team, Living Saint John Social Renewal Strategy, 2013 – 2016.

Vice President, Canadian Association of Programs in Public Administration (*CAPPA*), 2004 – 2008.

Institute of Public Administration of Canada (*IPAC*), 2004 – 2014 (*IPAC-NS* Board, 2004 – 2011).

Life Member, International Atlantic Economic Society (*IAES*), 2004 – present.

International Association for Research in Income and Wealth (*IARIW*), 1987 – 2005.

Director, Atlantic Canada Economics Association (*ACEA*), 1997 – 1999.

Economic Development Association of Nova Scotia, 1985 – 1992.

Dalhousie Council on Canadian Regional Development, 1985 – 1995 (Secretary, 1988 – 1995).

Canadian Economics Association (*CEA*), 1982 – present.

***References:*** Available on request.