

Curriculum Vitae

(current as of end April, 2018)

General Information

Personal Details:

Name:	Patrick M. Crowley
Nationality/Status:	Canadian and British citizen, US green card holder
Languages:	English: fluent - both conversational and written French: conversational - good, written - satisfactory
email address:	patrick.crowley@tamucc.edu

Education:

Sept 1990 - October 1995	McGill University, Montreal, Canada. Ph.D. in Economics, October 1995. Thesis title: "The Exchange Rate Mechanism of the European Monetary System: Volatility, Target Zones and Prospects", June 1995.
Sept 1982 - September 1983	University of Bristol, Bristol, United Kingdom. M.Sc. in Quantitative Economics, 1984. B.Sc.(Hons) in Economics with Statistics: 1982.
Sept 1968 - December 1978	St. Peters School, York, United Kingdom. 4 GSCE "A" levels, 13 GSCE "O" levels

Employment

Long term academic contracts

September 2006 to date	Texas A&M University, College of Business, Corpus Christi, Texas, USA: Full Professor (tenured). Teaching Macroeconomics, Money and Banking, European Economics and International Economics at both graduate and undergraduate level.
September 2000 to Aug 2006	Texas A&M University, College of Business, Corpus Christi, Texas, USA: Associate Professor (tenured)
September 1998 to 2000	Middlebury College, Department of Economics, Middlebury, Vermont, USA: Assistant Professor (tenure-track position) Taught Macroeconomics, Economic Integration, Economics of the European Union and Canadian Economic and Political issues.

Employment (continued)

September 1994 to 1999	Saint Mary's University, Department of Economics, Halifax, Canada: Assistant Professor (tenure-track position) Taught money and banking, international economics, econometrics, public finance and business forecasting courses.
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Summer, Visiting and Short Term Academic Contracts

Spring 2017	Visiting Researcher, University of Cape Town, Western Cape, Cape Town, Republic of South Africa. 2 papers completed and being submitted to high-ranking journals.
Summer 2006/07/08/10/14	Visiting Research Fellow, Suomen Pankki/Bank of Finland, Helsinki, Finland. Worked on numerous projects so as to produce discussion papers.
Fall 2009	Visiting Research Scholar, School of Public Policy, George Mason University, Fairfax, VA, USA. Worked with Andrew Hughes-Hallett on research projects. Subsequently 3 publications in high-ranking journals.
September 2004 to June 2005	Visiting Research Fellow, Suomen Pankki/Bank of Finland, Helsinki, Finland. Completed 3 discussion papers using wavelets as applied to economics, all then published in high-ranking journals.
Summer 1991/92/93/95/96	McGill University, Department of Economics, Montréal, Canada: Assistant Professor/Lecturer (contract positions), Taught summer session money and banking course
September 1993 - May 1994	Concordia University, Department of Economics, Montréal, Canada: Lecturer (contract position) Taught international finance, intermediate macroeconomics and international trade theory.

Non-academic positions

February 1989 - August 1990	Toronto Dominion Bank, Toronto, Canada: International Economist Employed in a small team of three economists in the department with responsibility for European economies and financial markets. The role included preparation of reports and advising in currency and bond market traders.
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Employment (continued)

Sept 1988 - January 1989

Mitsubishi Bank Ltd., London, U.K.: European Economist

Temporary and part-time position in the European economics unit of Mitsubishi Bank.

March 1988 - September 1988

Gamlestaden Research, London, U.K.: Head of Economic Research

Establishment and management of a small economics research team within this Swedish company. The company was involved in foreign currency risk management for small businesses with currency exposure.

March 1987 - March 1988

Schroders plc, London, U.K.: International Economist

Primary role within the merchant bank was to monitor movements in foreign currencies and prepare and present a monthly paper on current and likely future developments in the foreign exchange market, both to directors and fund managers.

October 1983 - February 1987

Coopers and Lybrand, London, U.K.: Management Consultant

Worked on assignments in social security, health, telecommunications and transport. Projects included:

- BT Cost Allocation & Access Charge Studies
- Civil Aviation Authority Airport Study
- Department of Health & Social Security Studies
- Amex Impact Study for the Netherlands
- Regional Health Authority Cancer Treatment Study
- British Railways Board Road Service Vehicle Management Study
- Telecommunications Cost Study, Belgium

Research

Journal articles:

- “Stress-Testing US Macroeconomic Policy: A Computational Approach Using Stochastic and Robust Designs in a Wavelet-Based Optimal Control Framework” (with David Hudgins), *Computational Economics*, forthcoming, 2018.
- “What is the right balance between US monetary and fiscal policy? Explorations using simulated wavelet-based optimal tracking control” (with David Hudgins), *Empirical Economics*, forthcoming, 2018.
- “Wavelet-Based Monetary and Fiscal Policy in the Euro Area Under Optimal Tracking Control” (with David Hudgins), *Journal of Policy Modeling*, Vol 39, No 2, pp206-231, 2017.
- “Correlations between Macroeconomic Cycles in the US and UK: What Can a Frequency Domain Analysis Tell Us?” (with Andrew Hughes Hallett), *Italian Economic Journal*, Vol 2, No 1, pp5-29, 2016.
- “Fiscal Policy Tracking Design in the Time-Frequency Domain Using Wavelet Analysis” (with David Hudgins), *Economic Modelling*, Vol 51, pp502-14, 2015.
- “Great Moderation or “Will o’ the Wisp”? A Time-Frequency Decomposition of GDP for the US and UK” (with Andrew Hughes Hallett), *Journal of Macroeconomics*, Vol 44, pp82-97, 2015.
- “Assessing the exchange rate exposure of US multinationals at different time horizons using wavelet analysis” (with Amir Habibdoust), *Journal of Economic and Financial Modelling*, Vol 2, No. 2, pp25-34, 2015.
- “A Note on How to Resolve the Euro Area Crisis”, *Europe Institute Journal*, University of Auckland, NZ, Vol 7, No. 1 (December), 2013
- “How do you make a Time Series Sing like a Choir? Extracting Embedded Frequencies from Economic and Financial Time Series using Empirical Mode Decomposition”, *Studies in Nonlinear Dynamics and Econometrics*, Vol 16, No.5, article 4, 2013
- “China and the Dollar: An Optimum Currency Area View”, (with Chee-Heong Quah), *Prague Economic Papers*, Vol 4, 2012.
- “An Analysis of the Embedded Frequency Content of Macroeconomic Indicators and their Counterparts using the Hilbert-Huang Transform”, (with Tony Schildt), *Journal of Business Cycle Measurement and Analysis*, Vol 4, No. 1, pp1-31, 2012.
- “Which Country Should be the Monetary Anchor for East Asia: the US, Japan, or China?”, (with Chee-Heong Quah), *Journal of the Asia Pacific Economy*, Volume 17, No.1, pp94-112, 2012.
- “Measuring the Intermittent Synchronicity of Macroeconomic Growth in Europe”, (with Aaron Schultz), *International Journal of Chaos and Bifurcation*, Vol. 21, No. 4, pp1215-1231, 2011.
- “Monetary Integration in East Asia: A Hierarchical Clustering Approach”, (with Chee-Heong Quah), *International Finance*, Vol 13, No 2, pp283-309, 2010.
- “Monetary anchor for East Asia: Japan or United States?”, (with Chee-Heong Quah), *African Journal of Business Management*, Vol 4, No 6, pp1048-1058, 2010.
- “The Implications of Integration for Globalization” (with Sven Arndt and David Mayes), *North American Journal of Economics and Finance*, Vol 20, No 2, pp83-90, 2009.
- “A Reconsideration of the Great Depression”, (with Chee-Heong Quah), *South Asian Journal of Management*, Vol 16, No. 3, pp7-23, 2009.
- “How fused is the euro area core? An evaluation of growth cycle co-movement and synchronization using wavelet analysis” (with David Mayes), *Journal of Business Cycle Measurement and Analysis*, Vol. 1, pp63-95, 2008.
- “Analyzing Convergence and Synchronicity of Business and Growth Cycles in the Euro Area using Cross Recurrence Plots”, *European Physical Journal D: Special Topics*, Vol 164, pp67-84, 2008.

Research (continued)

- "A guide to wavelets for economists", *Journal of Economic Surveys*, Vol 21, No. 2, pp207-267, 2007.
- "Is there a logical integration sequence after EMU?", *Journal of Economic Integration*, Vol 21, No 1, pp1-20, 2006.
- "Comparing Britain and Canada with their Neighbours: What can clustering tell us?", *Current Politics and Economics of Europe*, Vol 17, No 1, pp149-170, 2006.
- "Differences in the euro area: a wavelet approach", *Bank of Finland Bulletin*, No. 4, 2005, pp21-35.
- "Exchange Rate Volatility and Foreign Investment: International Evidence," (with Jim Lee) *International Trade Journal*, 17(3), Fall 2003, 227-252.
- "Capitalism and Accounting Reform", (with Valrie Chambers) *SAM Advanced Management Journal*, 68(3), Summer 2003, pp44-55.
- "The Stability and Growth Pact: Review, Alternatives and Legal Aspects", *Current Politics and Economics of Europe*, Vol. 11, No. 3, pp225-244, 2002.
- "Exchange Rate Arrangements for NAFTA", (with Rowley, R.), *The International Trade Journal*, Vol XVI, No 4, pp413-451, 2002.
- "The Institutional Implications of EMU", *Journal of Common Market Studies*, Vol 39, No. 3, pp385-404, September 2001.
- "European Integration and Monetary Unification: Configurations, Fiscal and Monetary Policy Design and Institutional Development", (with Rowley, R.), *Journal of European Integration*, Vol XXI, No. 3, pp203-229, 1998.
- "EMU, Maastricht and the 1996 IGC", *Contemporary Economic Policy*, Vol XIV, No 2, pp41-55, April 1996.

Peer-reviewed edited volume articles:

- "Synchronicity Assessment using a Non-Parametric Dynamic Dissimilarity Measure", in Webber, C., Marwan, N., Riley, M. and Giuliani, A. (eds), *Translational Recurrences: From Mathematical Theory to Real-World Applications*, Springer Proceedings in Mathematics, pp187-210, 2014.
- "The Great Moderation Under the Microscope: Decomposition of Macroeconomic Cycles in US and UK Aggregate Demand", in Gallegati, M. and Semmler, W. (eds), *Wavelet Applications in Economics and Finance: Essays in Honor of James Ramsey*, Dynamic Modeling and Econometrics in Economics and Finance, Springer, pp47-72, 2014.
- "A Single Currency for NAFTA?", in Rugman, Alan (ed), *North American Economic and Financial Integration*, Oxford, UK: Elsevier, pp153-174, 2004.
- "Comparing the EU and NAFTA Environmental Policies: Comparative Institutional Analysis and Case Studies", with Jozwiak, J, in Crowley, P. (ed.), *Crossing the Atlantic: Comparing the European Union and Canada*, Aldershot, UK: Ashgate, pp109-134, 2004.
- "Possible Arrangements for Exchange Rates in a Modified, Extended or Replaced NAFTA", (with Rowley, R.), in Crowley, P. (ed.), *Crossing the Atlantic: Comparing the European Union and Canada*, Aldershot, UK: Ashgate, pp153-175, 2004.
- "The Shape of Things to Come: The EU's Post-EMU Institutional Architecture" in Verdun, A. (ed.), *The Euro: European Integration Theory and Economic and Monetary Union*. Boulder, CO: Rowman and Littlefield, pp165-176, 2002.
- "International Implications of EMU", in Crowley, P. (ed.), *Before and Beyond EMU*, London, UK: Routledge, pp113-130, 2002.
- "European Integration after EMU: What next?", in Crowley, P. (ed.), *Before and Beyond EMU*, London, UK: Routledge, pp157-180, 2002.

Research (continued)

Editorially-reviewed discussion papers:

- "Evaluating South African Fiscal and Monetary Policy Using a Wavelet-Based Model. UCT School of Economics Macroeconomics Discussion Paper Series, SOEM 17_08, with David Hudgins, available at <https://sites.google.com/site/soemacroeco/papers>
- "Modelling a Small Open Economy Using a Wavelet-Based Control Model", with David Hudgins, Bank of Finland Discussion Paper 32/2017.
- "Analysis of the balance between U.S. monetary and fiscal policy using simulated wavelet-based optimal tracking control", with David Hudgins, Bank of Finland Discussion Paper 21/2016.
- "Euro area monetary and fiscal policy tracking design in the time-frequency domain", with David Hudgins, Bank of Finland Discussion Paper 12/2015.
- "Are monetary unions more synchronous than non-monetary unions?" with Christopher Trombley, Bank of Finland Discussion Paper 11/2015.
- "Volatility transfers between cycles: A theory of why the "great moderation" was more mirage than moderation", with Andrew Hughes Hallett, Bank of Finland Discussion Paper 24/2014.
- "Assessing the exchange rate exposure of US multinationals", with Amir Habibdoust, Bank of Finland Discussion Paper 34/2013.
- "Is Europe growing together or growing apart?" with Enrique Garcia and Chee Heong Quah, Bank of Finland Discussion Paper 33/2013.
- "The Great Moderation under the Microscope: Decomposition of Macroeconomic Cycles in US and UK Aggregate Demand", with Andrew Hughes Hallett, Bank of Finland Discussion Paper 13/2011.
- "A New Approach to Analyzing Convergence and Synchronicity in Growth and Business Cycles: Cross Recurrence Plots and Quantification Analysis", with Aaron Schulz, Bank of Finland Discussion Paper 16/2010.
- "Long Cycles in Growth: Explorations using New Frequency Domain Techniques with US Data", Bank of Finland Discussion Paper 6/2010.
- "An analysis of the Embedded Frequency Content of Macroeconomic Indicators and their Counterparts using the Hilbert-Huang Transform", with Tony Schildt, Bank of Finland Discussion Paper 33/2009.
- "How Do You Make A Time Series Sing Like a Choir? Using the Hilbert-Huang Transform to Extract Embedded Frequencies from Economic or Financial Time Series", Bank of Finland Discussion Paper 32/2009.
- "Evaluating the stresses from ECB monetary policy in the euro area", with Jim Lee, Bank of Finland Discussion Paper 11/2009.
- "One money, several cycles? Evaluation of European business cycles using model-based cluster analysis", Bank of Finland Discussion Paper 12/2008.
- "How hard is the euro area core? An evaluation of growth cycles using wavelet analysis", with David Mayes, Bank of Finland Discussion Paper 18-06, October 2006.
- "Decomposing the co-movement of the business cycle: a time-frequency analysis of growth cycles in the euro area", with Jim Lee, Bank of Finland Discussion Paper 12-05, October, 2005.
- "An intuitive guide to wavelets for economists", Bank of Finland Discussion Paper 01-05, March, 2005.

Research (continued)

Editorially-reviewed volume articles:

- "An Evaluation of the ECB Policy Response to Changing Economic Conditions in Euro Area Member States" (with Jim Lee), in "Monetary Policy: Roles, Forecasting and Effects" (Chapter 3), Editor: Yasuo Nishiyama, Nova Publishers, NY, USA, 2012.
- "Contributions from economics", with Mayes, D., in Jorgenson, K., Pollack, M. and Rosamond, B. (eds), *Handbook of European Union Politics*, Sage, NY, USA, 2007, pp114-121.
- "Comparing Britain and Canada with their Neighbours: What can clustering tell us?", in Verdun, A. (eds), *Large Monetary Unions and their Neighbours*, Nova Publishers, NY, USA, 2007, pp115-132.
- "The Future Political and Economic Consequences of the Revisions to the SGP", with Rowley, R. in Crowley, P. (ed.), *EU Economic Policy at the Dawn of the Century*, Nova Publishers, NY, USA, 2006, pp39-56.
- "Apples and Oranges: The Habilitation of Continental Comparativism", in Crowley, P. (ed.), *Crossing the Atlantic: Comparing the European Union and Canada*, Aldershot, UK: Ashgate, pp1-8, 2004.
- "Introduction", in Crowley, P. (ed), *Before and Beyond EMU*, Routledge, London, UK, 2002, pp1-10, 2002
- "World Money: Consolidation, Competition and Separation: What Does the Future Hold?", with Rowley, R. in Kintis, N., Koveos, P., Paraskevopoulos, C. and Baltas, N., *Money and Finance in the Global Economy: Challenges and Opportunities for the 21st Century*, Toronto, Canada: APF Press, pp12-31, 2002.
- "Battle of the Giants? The International Monetary System Post-EMU: Some thoughts and observations", with Rowley, R., in Paraskevopoulos, C., Kintis, A. and Georgakopoulos, T. (eds.), *Global Financial Markets and Economic Development*, pp45-62, APF Press, Toronto, Canada, 2000.
- "Configurations and Prospects for European Integration and Monetary Unification", with Rowley, R., in Paraskevopoulos, C. (ed.), *European Union at the Crossroads: A Critical Analysis of Monetary Union and Enlargement*, Studies in Economic Transformation and Public Policy Series, Edward Elgar, Cheltenham, UK, 1998.
- "Regional Integration in Europe" in Boyd, G and Rugman, A. (eds.), *Euro-Pacific Investment and Trade*, Edward Elgar, Cheltenham, U.K., pp159-190, 1997.
- "Flaws and Omissions in the Maastricht Process for European Integration", with Rowley, R. in Paraskevopoulos, C., Grinspun, R. and Eaton, G. (eds.), *Economic Integration and Public Policy in the European Union*, Edward Elgar, Cheltenham, U.K., pp21-32, 1996.

Journal articles under review

- "Evaluating South African Fiscal and Monetary Policy Using a Simulated Wavelet-Based Model", *South African Journal of Economics*, with Hudgins, D.
- "Modelling a Small Open Economy Using a Wavelet-Based Control Model" *Applied Economics*, with Hudgins, D.
- "Stress-Testing US Macroeconomic Policy: A Computational Approach Using Stochastic and Robust Designs in a Wavelet-Based Optimal Control Framework", *Computational Economics*, with Hudgins, D.

Books

- EU Economic Policy at the Dawn of the Century*, Nova Science, NY, 2006.
- Crossing the Atlantic: Comparing the European Union and Canada*, (editor), Ashgate, Aldershot, UK, 2004
- Before and Beyond EMU*, (editor), Routledge, London, UK, 2002

Research (continued)

Guest editorships

European Union Studies Association Review: invited editor for “Forum: Post-crisis Europe: Economic, Fiscal and Financial Prospects”, Fall 2010 (available online as http://eustudies.org/publications_review_fall10.php#list-1)

North American Journal of Economics and Finance special edition on “The Lessons of Regional Integration for Globalization”, with David Mayes and Sven Arndt, Vol 20, No 2, 2009.

“Introduction to this Special Issue: EU Prospects and the Formation of the EUSA Economics Interest Section”, *Current Politics and Economics of Europe*, Special Issue to Mark the Establishment of an EUSA Economics Interest Section, Vol 11, No. 3, pp181-186, 2002.

Proceedings:

“What's wrong with economics?” *National Business and Economics Conference Proceedings*, Hawaii, 2004.

“Financial System Architecture and the Funding of Foreign Direct Investment”, with Dodds, C., *Contemporary Working Papers in International Trade and Finance*, International Trade and Finance Association, 1998.

Reports and Consultancy Work:

“Tourism and its Economic Impact on Corpus Christi”, with Lee, J., Summer, 2002.

“The Relative Efficiency and Effectiveness of Human Resource Centres of Canada in Relation to Their Local Environment”, with Rowley, R., for Department of Human Resources, Government of Canada, 1999.

“European Monetary Union and Canada: Implications for Trade and Foreign Investment”, Canadian Centre for Foreign Policy Development, September, 1997

“Rapport sur l'indépendance et les procédures des banques centrales dans d'autres pays”, with Bastarache, L. and McCallum, J., Report prepared for the Commission on the process of determining the Political and Constitutional Future of Quebec, Gouvernement du Québec, 1992.

Miscellaneous Work:

Publications in Electronic Media:

“The EMS and European Integration: Marriage or Divorce?”, CD-ROM collection published by European Community Studies Association and Ellis Publishers, 1996.

Magazine Articles:

“European Monetary Union and Canada: The Impact of the Euro”, *The New Federation*, September, 1997.

Piece on EU economic issues post-EMU, *World Economic Affairs*, Autumn 1998.

Piece on the launch of the euro, Policy Options, Institute of Research in Public Policy, Montreal, Canada, 1999.

“The Benefits of European ‘Fuzziness’”, *World Economic Affairs*, Autumn 2000.

“Stupid or Sensible?: The Economics of the Growth and Stability Pact”, Review Article, Winter, *European Union Studies Association Review*.

Student Reader:

“Canada and the Euro”, Annual Editions: Canadian Politics, 5th Edition, Mahler, G. (ed.), McGraw-Hill, 2000

Research (continued)

Research Support:

- US:** Jean Monnet Module Award, European Commission, Brussels, Belgium: 2009-2012.
Texas A&M University College of Business Research Enhancement Grant, “How synchronized is growth in US states?”, 2009-2010.
Texas A&M University College of Business Research Enhancement Grant, “What causes business cycles” , 2005-2006.
Texas A&M University College of Business Research Enhancement Grant, “Is NAFTA an Optimum Currency Area”, 2000-2001.
Government of Canada Faculty Development Grant: “Canadian Economic and Political Issues”, 1999-2001.
- Canada:** Senate Research Award (Saint Mary’s University): “The Target Zone Proposal for North America”, May 1997-May 1998.
John Holmes Fund Award (Department of Foreign Affairs and International Trade, Government of Canada): Study of the Economic effects of European Monetary Union on Canada: January 1997 - May 1997.
McConnell Scholarship (McGill University): 1991-93
- UK:** SSRC Quota Award (University of Bristol): 1982-83

Conferences/Workshops organized:

- June, 2012: The European Union and the Euro: Evolution or Dissolution?, George Mason University, Arlington, VA, USA.
- Oct 2011: Workshop on “Frequency Domain Research in Macroeconomics and Finance”, Bank of Finland, Helsinki, Finland.
- March 2010: “EU Economic Integration: Lessons of the Past, and What Does the Future Hold?”, March 16, Federal Reserve Bank of Dallas.
- May 2008: “The Implication of European Integration”, May 15-16, Research Department, St. Louis Federal Reserve.
(<http://research.stlouisfed.org/conferences/integration/index.html>)
- May 2007: European Union Studies Association (EUSA) Biennial Meeting Programme Committee, Montreal, Canada.

Prizes:

- 2010: Working Paper in Economics Prize from the American Consortium of European Union Studies (ACES), July 2010.
- 2009: Working Paper in Economics Prize from the American Consortium of European Union Studies (ACES), July 2009. Available at:
http://transatlantic.sais-jhu.edu/ACES/ACES_Cases
- 2008: Working Paper in Economics Prize from the American Consortium of European Union Studies (ACES), July, 2008. Available at:
http://transatlantic.sais-jhu.edu/ACES/ACES_Cases
- 2007-08: Texas A&M University - Corpus Christi: Distinguished Faculty Research Award.
- 2007-08: Texas A&M University - Corpus Christi: College of Business Faculty Research Award.
- 1998: Runner-up prize in a challenge to the academic community to evaluate data used in submissions to the Task Force on the Future of the Canadian Financial Services Sector.

Public Communication

Newspaper column:

Column in the Corpus Christi Caller Times from September, 2001 to February, 2002.

Media Interviews:

Summer 2016: 2 TV interviews with KIII and KRIS TV (Corpus Christi) on Brexit.
Fall 2012: TV interview on demise of the US cent coin.
Summer 2008: 2 TV interviews with KIII (Corpus Christi) on oil prices.
Fall 2001: 2 interviews with CKNW (Vancouver) on the launch of the euro.
Fall 1998: Interview for magazine article in Atlantic Enterprise (Canada).
Fall 1996: CBC Radio Commentary on the GST/PST tax harmonization.
Spring 1996: Atlantic TV Phone-in programme on the GST/PST tax harmonization.
Fall 1995: CBC Halifax Radio Commentary on the economic effects of Quebec separation.

Speeches and Research Seminars:

Economics Research Seminar, University of Auckland, New Zealand, November 2016.
"Roundtable on Political Economy of Brexit", European Union Center, University of Florida, October 2016.
Economics Research Seminar, University of Texas - Rio Grande Valley, April 2016.
Economics Research Seminar, University of Maastricht, Netherlands, June 2015.
"The European Financial Crisis: Is this the Perfect Storm?" Videoconference arranged by University of Pittsburgh, PA and University of Madison, WI, with Minister Sonn (German Embassy, Washington DC). October 26, 2010.
"The Economic Effects of EMU on Canada", Speech given to the Netherlands-Canadian Chamber of Commerce in the presence of the Canadian Ambassador to the Netherlands, May 14, 1997, Amsterdam, the Netherlands.

Talks to the General Public:

"Political Economy of Brexit" - Rotarian Club South Side, Corpus Christi, November 2016
"The European Union after the Lisbon Treaty", Talk given to the South Texas World Affairs Council, August, 2008.
"Economics made simple", Talk given to Helsinki Ladies Club, February, 2005.

Published Letters:

"Crush the myth that bubbles can be avoided", Financial Times of London, June 11, 2010.
"Start again on Stability pact", Financial Times of London, September 22, 2004.
"Changing the Growth and Stability pact", Financial Times of London, September, 2002.
"Critical piece in the European jigsaw", Globe and Mail, June 21, 1997.
"Key differences between devolved Québec and separate Scotland", Financial Times of London, April 15, 1995.

Services to the Academic Community

Editorships:

2005 to 2007: Current Politics and Economics of Europe, Nova Publishers, New York

Editorial Boards:

2004 to date Journal of European Integration
2002 to 2010 Journal of Economic Asymmetries

Program committee:

European Union Studies Association (USA), Montreal, Quebec, Canada, May 2007.

Society positions:

2001 to 2012: Co-chair and founder of the Economics Interest Section, European Union Studies Association, USA.
1997 to 2000: Executive Committee, European Community Studies Association - Canada.

Ph.D. External Examiner:

2018: External Examiner for Ph.D. thesis in Economics for Government College University Lahore, Pakistan.

Reviewing:

2018: Article reviews for Philosophical Transactions,
2017: Article reviews for International Journal of Forecasting, Review of Economic Dynamics, Empirical Economics, Review of Financial Economics, Journal of Common Market Studies, Computational Economics, Journal of Economic Policy Reform, IEEE Advances, Economic Modelling, Journal of Macroeconomics, Journal of International Finance, Institutions, and Money. Textbook review for Pearson Education.
2016: Article reviews for Review of Financial Economics, Empirical Economics, The Manchester School, Journal of Common Market Studies, Computational Economics (x2), International Journal of Forecasting, Eastern European Economics, Physica A.
2015: Article reviews for Journal of Common Market Studies, Journal of Institutional and Theoretical Economics, and International Journal of Bifurcation and Chaos. Book review for Elsevier Publishing (US), Edited volume article for Recurrence Plot proceedings.
2014: Article reviews for Empirica, Journal of International Money and Finance, Computational Economics, and Springer Edited Volume. Textbook review for Pearson, and online media focus group for Cengage, ebook review for Pearson.
2013: Article reviews for Journal of Common Market Studies, Quantitative Finance, Asian Journal of Business and Accounting, Computational Statistics and Data Analysis, International Economics and Economic Policy, Springer edited volume. Textbook reviews for Pearson and Cengage. Extra-mural reviewer for Tenure and Promotion at Furman University.
2012: Article reviews for Journal of Common Market Studies, Structural Change and Economic Dynamics, PLoS ONE, Quarterly Review of Economics and Finance, International Journal of Bifurcation and Chaos, Advances in Econometrics, International Economics and Economic Policy. Textbook reviews for Wiley, McGraw Hill and Pearson.

Services to the Academic Community (continued)

2011:	Article reviews for Quarterly Review of Economics and Finance, Econometric Reviews, Journal of Common Market Studies; Book review for World Scientific.
2010:	Article reviews for International Journal of Bifurcation and Chaos, Intelligent Systems in Accounting, Finance and Management.
2009:	Article reviews for Applied Economics, Studies in Nonlinear Dynamics and Econometrics, Journal of Business and Economic Statistics, Empirical Economics, North American Journal of Economics and Finance, Oxford Bulletin of Economics and Statistics.
2008:	Article reviews for Journal of Economic Integration, North American Journal of Economics and Finance, Journal of Business Cycle Measurement and Analysis, Mathematics and Computers in Simulation, Frontiers in Economics and Finance.
2007:	Hong Kong Research Council grant application review, review of SSHRC (Canada) grant application, article reviews for Economic Inquiry, Journal of Common Market Studies, textbook review for Prentice-Hall.
2006:	Article referee for Oxford Economic Papers, Studies in Non-linear dynamics and econometrics, book review for Prentice-Hall.
2005:	Article referee for Financial Research Letters, Journal of European Integration and the Journal of the Society for the Advancement of Management
2004:	Article referee for the Journal of the Society for the Advancement of Management, Journal of Economic Integration and Journal of Common Market Studies. Book referee for MIT Press
2003:	Article referee for the Journal of the Society for the Advancement of Management, Assessor for the US German Marshall Fund Scholarship program
2002:	Assessor for the US German Marshall Fund Scholarship program
2001:	Article referee for the Journal of the Society for the Advancement of Management.
2000:	Article referee for the Journal of European Integration
1999:	Review of SSHRC (Canada) application.
1998:	Book review for the Canadian Journal of Political Science
1997:	Book review for the Journal of European Integration Comparative money and banking textbook review
1996:	Article referee for the Journal of International Economics and the Canadian Journal of Agricultural Economics. Money and Banking textbook review for McGraw-Hill Canada.
1995:	2 book proposals reviewed for Pinter Publishers, U.K.

Services to the Academic Community (continued)

Committee Membership:

2017 to 2018	Ad-Hoc Committee on Faculty Evaluation (Chair) - College of Business, Texas A&M University - CC University Core Curriculum Committee, Texas A&M University - CC Faculty Qualifications Committee, College of Business, Texas A&M University - CC
2016 to 2017	Ad-Hoc Committee on Faculty Evaluation (Chair) University Core Curriculum Committee, Texas A&M University - CC Faculty Qualifications Committee, College of Business, Texas A&M University - CC
2015 to 2016	Tenure and Promotion Committee, Texas A&M University - CC Chair of Ad-Hoc Committee on Faculty Evaluation, College of Business, Texas A&M University - CC. University Core Curriculum Committee, Texas A&M University - CC Faculty Qualifications Committee, College of Business, Texas A&M University - CC Tenure and Promotion Committee, Texas A&M University - CC External Reviewer, University of Houston - Victoria, Texas. Economics Hiring Committee, Texas A&M University - CC
2014 to 2015	University Core Curriculum Committee, Texas A&M University - CC International Education Council, Texas A&M University - CC Tenure and Promotion Committee, Texas A&M University - CC External Reviewer, Dept of Economics, University of the Pacific, CA.
2013 to 2014	University Core Curriculum Committee, Texas A&M University - CC International Education Council, Texas A&M University - CC. International Scholarship Committee, Texas A&M University - CC Tenure and Promotion Committee, External Reviewer, Dept of Economics, Furman University, NC.
2012 to 2013	University Core Curriculum Committee, Texas A&M University - CC. Hiring Committee, Economics group, Texas A&M University - CC
2011 to 2012	Hiring Committee, Economics group, Texas A&M University - CC
2010 to 2011	College of Business Tenure and Promotion Committee, Texas A&M University - CC
2008 to 2010	Co-Chair of Task force on the Internationalization of the Campus, Texas A&M University - CC.
2007 to date	Core curriculum program resources committee, Texas A&M University - CC
2005 to date	Core curriculum program review committee, Texas A&M University - CC
2007-2008:	College of Business Graduate Advisory committee, Texas A&M University - Corpus Christi.
2006-2008:	Graduate Studies Council, Texas A&M University - CC
2002-2004:	Member of Faculty Senate, Texas A&M University-CC.
2001-2003:	College of Business and University level Research Enhancement Committee, Texas A&M University-CC.
2001-2003:	Institutional Review Board, Texas A&M University-CC.
1998-1999:	Hiring Committee for Transitional Economics position, Middlebury College.
1996-1997:	MBA Council, Saint Mary's University.
1995-1996:	University Senate Subcommittee on Evaluation of Teaching Effectiveness, Saint Mary's University.

Services to the Academic Community (continued)

Graduate Student Contributions:

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| 1993-1994 | President of McGill Post-Graduate Students' Society, McGill University. |
| 1992-1993 | President and founding member of the McGill Economics Graduate Association, McGill University. |

Teaching

Undergraduate Courses Taught:

Seminar on Economics of the European Union - senior elective course (Texas A&M)
Economics of the European Union - senior elective (Texas A&M).
Advanced Macroeconomics - senior elective (Texas A&M)
Money and Banking - 2nd year level (McGill, Saint Mary's and Texas A&M).
International Finance - 2nd year and 3rd year levels (McGill, Concordia and Saint Mary's).
International Economic Issues - 2nd year (Saint Mary's University and Texas A&M).
Macroeconomics - 1st year level (Middlebury College, Texas A&M University).
Intermediate level (Middlebury College, Concordia and Texas A&M University).
Advanced Macroeconomics (Texas A&M University)
Monetary Economics - 3rd year level (Saint Mary's).
Microeconomics - 1st year level (Texas A&M)
International Trade - 3rd year level (Concordia).
Intermediate Statistics - 2nd year level (Saint Mary's).
Economic Integration - 2nd year level (Middlebury College)
Economics of the European Union - 4th year level (Middlebury College)
Canadian Economic and Political Issues - open level (Middlebury College)
Public finance - directed studies course (Texas A&M)

Undergraduate Supervision:

Honors thesis in monetary economics, 1997.
Honors thesis in macroeconomics, 1999-2000.
Thesis in European economics, 1999-2000.

Graduate Courses Taught:

Foundations of Economics - 1st year MBA course (Texas A&M)
International Economics - MBA elective (Texas A&M)
Seminar on Economics of the European Union - MBA elective (Texas A&M)
Public Finance - MBA elective (Saint Mary's).
Business Forecasting - MBA elective (Saint Mary's).

Graduate Supervision:

Chee-Heong Quah, University of Malaya, Ph.D. in Economics.
MRP in financial sector competition and the Nova Scotian credit unions (1998)

Teacher Training:

May 2012	Communities of Practice Workshop, TAMUCC, USA.
Fall 2002:	Workshop on Teaching Large Classes, TAMUCC, Texas, USA.
Spring 1996	Workshop for Teachers of Small Groups, Office of Instructional Development and Technology, Dalhousie University, Halifax, Canada.
Winter 1991	Teaching and Learning course (589B), Department of Education, McGill University, Montreal, Canada.

Other Academic Activities

February 2017	MATLAB econometrics course, Online.
November, 2012	Textbook contract signed with McGraw-Hill
October, 2009	MATLAB programming course, Washington D.C., USA.
April, 2008	MATLAB spectral analysis course, Austin, Texas, USA.
March, 2007	STATA programming course (internet course).
March, 2006:	MATLAB introductory course, Dallas, USA.
April, 2005:	S-PLUS Finmetrics course, London, UK (Instructor: Mark Salmon, University of Warwick, UK)
March, 2005:	S-PLUS programmers course, New York, USA (Instructor: Tim Westerberg, Insightful Corp)
October, 2002:	S-PLUS Basic training Week, San Francisco, USA.
September, 2000:	Attendee at the World European Community Studies Association, Brussels, Belgium.
March, 2000:	Salzburg seminar on European Integration and Disintegration, Salzburg, Austria.
September, 1998:	Attendee at the World European Community Studies Association, Brussels, Belgium.
July/August, 1997:	Participant at a two week-long Summer School in International Macroeconomics, University of Bonn, Germany. (Instructors: Maurice Obstfeld, Dale Henderson, Casper de Vries, Jürgen von Hagen).
June, 1995:	Participant at a week-long seminar on Austrian Economics in Irving-on-Hudson, NY, USA, organised by New York University. (Instructors: Lawrence White, Israel Kirtzner, Mario Rizzo, Peter Boettke).

Association and Institute Membership

Associate Fellow of CIRANO (Centre interuniversitaire de recherche en analyse des organisations: Quebec, Canada): Strategy and International Economics Research Group (2015 to present) .

Research Member of CAC (Cliometrics and complexity) group, Institut rhônalpin des systèmes complexes, IXXI - ENS Lyon, France (2015 to present).

Research fellow of the Euro Area Business Cycle Network (2005 to present).

Membership of:

- American Economics Association
- European Union Studies Association - USA
- Western Economics Association

Other Activities

September 2016 to date	Board of Corpus Christi Chamber Music Society.
January 2006 to 2011	Member of Corpus Christi Choral Artists.
Sept 2004 to Dec 2004	Finnish language course, University of Helsinki, Finland.
Sept 1999 to May 2000	Member of Middlebury College Chamber Choir.
October 1996 to July 1998:	Volunteer programmer at CKDU campus radio station, Halifax.
May 1994 to July 1997:	At-large Representative on the Board of Travel CUTS Inc., the sixth largest Canadian travel agency, based in Toronto.
December 1996:	Fitness Instructors Course, Halifax/Dartmouth YMCA.
Summer 1992:	6 week French immersion (University of Alberta)
September 1991 - 1994:	Member of the Montreal Symphony Chorus, Montreal.
September 1985 - 1989:	Member of the London Symphony Chorus, London, UK.