

**THE UNIVERSITY OF BRITISH COLUMBIA**

*Curriculum Vitae*

**Ralph A. Winter**

Date: March 31, 2018

**1. SURNAME:** Winter

**FIRST NAME:** Ralph

**MIDDLE NAME(S):** Albert

**2. DEPARTMENT/SCHOOL:**

Strategy and Business Economics / Sauder  
School of Business

**3. FACULTY:**

Commerce and Business Administration

**4. PRESENT RANK:** Professor

**SINCE:** July 2002

**5. POST-SECONDARY EDUCATION**

<b>University or Institution</b>	<b>Degree</b>	<b>Subject Area</b>	<b>Date</b>
University of California, Berkeley	PhD	Economics	1979
University of California, Berkeley	MA	Statistics	1978
University of British Columbia	BSc (Hon)	Mathematics, Economics	1974

**Title of Dissertation and Name of Supervisor**

Information and Regulation in Life Insurance (1979), supervised by: Stephen M. Goldman.

**Special Professional Qualifications**

**6. EMPLOYMENT RECORD**

*(a) non-UBC Employment*

<b>University, Company or Organization</b>	<b>Rank or Title</b>	<b>Dates</b>
University of Toronto	Professor	1988 - 2002
Yale Law School, Yale University	Senior Olin Fellow	1988
University of Toronto	Associate Professor	1985 - 1988
Hoover Institution, Stanford University	National Fellow	1986 - 1987
University of Toronto	Assistant Professor	1979 - 1985

*(b) UBC Employment*

University of British Columbia	Canada Research Chair in Business Economics and Public Policy	2003 -
University of British Columbia	Professor	2002 -

*(c) Date of granting tenure at UBC*

July 1, 2002

*Graduate Students Supervised and/or Co-Supervised*

At UBC:

<b>Student Name</b>	<b>Program</b>	<b>Start Year</b>	<b>Finish Year</b>	<b>Role</b>	<b>Other Supervisors/ Committee Members</b>
Jeffrey Colpitts	PhD		2007	Principal supervisor	
Minlei Ye	PhD	2006	2010	Co-supervisor	
Mati Dubrovinsky	PhD	2006	2010	Principal supervisor	
Jonathan Graves	PhD (VSE)		2017	Principle supervisor	
Raymond Zhang	PhD (Accounting)	2013	2018 (anticipated)	Co-supervisor	Daniel Simunic

**9. SCHOLARLY AND PROFESSIONAL ACTIVITIES**

*(a) Areas of special interest and accomplishments*

Applied Microeconomics

Competition Policy

Industrial Organization

Law and Economics

*(b) Research or equivalent grants (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))*

<b>Granting Agency</b>	<b>Subject</b>	<b>COMP</b>	<b>\$ Per Year</b>	<b>Year</b>	<b>Principal Investigator</b>	<b>Co-Investigator</b>
SSHRC	Competition Policy and Resale Price	C	\$14,333	Apr 2009 - Apr 2011		Winter, Ralph A.

	Maintenance					
Social Sciences and Humanities Research Council of Canada (SSHRC)	The Economic Foundations of Supply Chain Management	C	\$15,000	2006 - 2009	Winter, Ralph	Krishnan, Harish
Social Sciences and Humanities Research Council of Canada (SSHRC)	The Organization of Markets with Imperfect Information	C	\$13,750	2002 - 2005	Winter, Ralph	
HSS	The Paradox of Uninsurable Risk	C	---	2003 - 2004	Winter, Ralph	
Hampton, small grant	The Insurance Industry	C	---	2002 - 2004	Winter, Ralph	
SSHRC	The Economic Foundations of Competition Policy and Supply Chain Management	C	\$62,000	2009-2012	Winter, Ralph	

(c) Research or equivalent contracts (indicate under COMP whether contracts were obtained competitively (C) or non-competitively (NC))

## 11. SERVICE TO THE COMMUNITY

(a) Memberships on scholarly societies, including offices held and dates

Role	Society Name	Dates
President	Canadian Economics Association	2008 - 2009

(b) Memberships on other societies, including offices held and dates

Role	Society Name	Dates
President-elect	Canadian Economics Association	2008-2009
Vice-President	Canadian Economics Association	2006
President	Canadian Law and Economics Association	2004 - 2006
Member	American Economics Association	
Member	Canadian Economics Association	

(c) Memberships on scholarly committees, including offices held and dates

Role	Committee Name	Institution	Dates
Member	Rae Prize Committee	Canadian Economics	2010

		Association	
Chair	Harry Johnson Prize Committee	Canadian Economics Association	2004 - 2006
Member	Doug Purvis Prize Committee	Canadian Economics Association	2004 - 2005

(d) Memberships on other committees, including offices held and dates

Role	Committee Name	Institution	Dates
Chair	Robert Mundell Prize Committee	Canadian Economics Association	2004 - 2006

(e) Editorships (list journal and dates)

Journal	Role	Dates
International Editorial Board, Assurances		2005 - 2013
RAND Journal of Economics	Associate Editor	January 2012 – present
Journal Assurances et Gestion des Risques	Member, Board of Editors	Nov 2014 -

(f) Reviewer (journal, agency, etc. including dates)

Journal/Agency	Role	Dates
10-15 submissions per year, various journals	Referee	

(g) External examiner (indicate universities and dates)

Institution	Role	Dates
Undergraduate Commerce Program, University of Toronto	External Examiner	2006
Department of Economics, University of Calgary	External Examiner	2004

(h) Consultant (indicate organization and dates)

Organization	Dates
US Department of Justice , various dates	2006 – 2015
Competition Bureau of Canada , various dates	2004 - 2014

(i) Other service to the community

<b>Institution</b>	<b>Role</b>	<b>Dates</b>
Working Group for Input into Section 76 of the Competition Act, Canadian Bar Association	Member	2009-2010
C.D. Howe Institute's Competition Policy Working Group	Member	2013 - present
Bureau of Competition's External Working Group on Amendment of Section 45 of the Competition Act	Member	2006 - 2008
Consultant to the Competition Bureau, <i>pro bono</i> , on efficiency aspects of merger policy		2015
Human Resources, Safety and Environment Committee, BC Transmission Corporation Board of Directors	Chair	2006 - 2010
Board of Directors, Wurldtech Security Technologies Inc.	Director	2006 - 2014
British Columbia Transmission Corporation	Director	2003 - 2010

## 12. AWARDS AND DISTINCTIONS

(b) Other awards

<b>Name</b>	<b>Awarded By</b>	<b>Date</b>
Senior Olin Fellow	Yale Law School	1988
National Fellow	Hoover Institution, Stanford University	1986
Doug Purvis Memorial Prize	CEA - outstanding published contribution to Canadian Economic Policy	2003
Harry Johnson Prize	Canadian Economics Association	1983
Senior Research Award	Sauder School of Business	2008
Killam Research Award	UBC	2010
Bill Miller Memorial "Best Article" Award	Canadian Competition Law Review	2016

**1. REFEREED PUBLICATIONS**

(a) *Journals*

Marcel Boyer, Thomas W. Ross and **Ralph A. Winter**, “The Rise of Economics in Competition Policy: A Canadian Perspective,”+ *Canadian Journal of Economics* 2018

**R.A.Winter** (2018), “*Pierre Fabre, Coty and Restrictions on Internet Sales: An Economist’s Perspective,*” *European Journal of Competition Law and Practice*.

Iacobucci, Edward and **R.A.Winter** (2016), “European Law on Selective Distribution and Internet Sales: An Economic Perspective,” *Antitrust Law Journal*

Dubrovinsky, Mai and **R.A.Winter** (2015), “Organizational Form and the Quality of Output,” *Canadian Journal of Economics*. Issue 48 (1), February 2015, 189-206.

Carlton, Dennis and **R.A.Winter** (2015), “Competition Policy and Regulation in Credit Card Markets: Insights from Single-sided Market Analysis,” *Competition Policy International*, 2015

**Winter, R.A.** “Innovation and the Dynamics of Global Warming,” *Journal of Environmental Economics and Management*, Volume 68, Issue 1, (July 2014): 124–140

Jing, Ran and **Winter, R.A.** “Exclusionary Contracts,” *Journal of Law Economics and Organization*. Vol. 30, No.4 (November 2014): 833-867

Krishnan, Harish and **Winter, R.A.** (2011) “The Economics of Supply Chain Contracting,” manuscript published as single issue of *Foundations and Trends in Microeconomics*.

Krishnan, Harish and **Winter, R.A.**, “On the Role of Revenue-sharing Contracts in Supply Chains,” *Operations Research Letters* (2010).

Iacobucci, Edward and **Winter, R.A.** (2010), “Abuse of Joint Dominance in Canadian Competition Policy,” *University of Toronto Law Journal*

Krishnan, H., **Winter, R.A** (2010), “Inventory Dynamics and Supply Chain Coordination,” *Management Science* Vol. 56, No. 1 January: 141-147

**Winter, R.A.** (2009) Antitrust Restrictions on Single-Firm Strategies. *Canadian Journal of Economics*, November. (Presidential Address, Canadian Economics Association)

Buettner, T., Coscelli, A., Verge, T., **Winter, R.A.** (2009) An Economic Analysis of the Use of Selective Distribution by Luxury Goods Suppliers. *European Competition Journal*

Buettner, T., Verge, T., Coscelli, A. **Winter, R.A.**, (2009). The Economics of Selective

Distribution Agreements: A Reply to Kinsela et al. *European Competition Journal*

Krishnan, H., **Winter, R.A.** (2007). Vertical Control of Price and Inventory . *American Economic Review*, 97(5), 1840 - 1857.

Iacobucci, E., Trebilcock, M., **Winter, R.A.**, (2006). The Canadian Experience with Deregulation . *University of Toronto Law Journal*, 56, 1 - 74.

**Winter, R.A.** (2006). Liability Insurance, Joint Tortfeasors and Limited Wealth. *International Review of Law and Economics*, 26(1), 1 - 14.

Moorthy, S. (2006), **Winter, R.A.**, Price Matching Guarantees, *Rand Journal of Economics*, 37(2), 449 - 466.

Ross, T.W., **Winter, R.A.** (2005). The Efficiency Defense in Merger Law: Economic Foundations and Recent Canadian Developments . *Antitrust Law Journal*, 72, 471 - 504.

Iacobucci, E., **Winter, R.A.**, (2005). Asset Securitization and Asymmetric Information . *Journal of Legal Studies*, 34(1), 161 - 207.

Sanderson, M. and **Winter, R.A. (2002)** "Profits" versus "Rents" in Antitrust Analysis: An Application to the Canadian Waste Services Merger," *Antitrust Law Journal* 70(2):485-511.

Ross, T.W., **Winter, R.A.** (2003). Canadian Merger Policy Following Superior Propane *Canadian Competition Record*, 21, 7 - 23.

Mathewson, G.F. **Winter, R.A.**, (1998). The Law and Economics of Resale Price Maintenance . *Review of Industrial Organization*, 13(1-2), 57 - 84.

Trebilcock, M. **Winter, R.A.**, (1997). The Economics of Liability for Nuclear Accidents . *International Review of Law and Economics*, 17, 215 - 215.

**Winter, R.A.** (1997). Colluding on Relative Prices, *Rand Journal of Economics*, 28(2), 359 - 372.

Mathewson, G.F. **Winter, R.A.**, (1997). Buyers Groups. *International Journal Of Industrial Organization*, 15(2), 137 - 164.

Mathewson, G.F. **Winter, R.A.**, (1997). Tying as a Response to Demand Uncertainty, *Rand Journal of Economics*, 28(3), 566 - 583.

Neary, H. **Winter, R.A.**, (1995). Output Shares in Bilateral Agency Contracts, *Journal of Economic Theory*, 66(2), 609 - 614.

Mathewson, G.F. **Winter, R.A.**, (1994). Territorial Rights in Franchise Contracts, *Economic Inquiry* 32, 2: 181 -192.

**Winter, R.A.** (1994). The Dynamics of Competitive Insurance Markets . *Journal of Financial Intermediation*, 3, 379 - 415.

**Winter, R.A.** (1993). Vertical Control and Price versus Non-Price Competition . *Quarterly Journal of Economics*, 108(1), 61 - 78.

**Winter, R.A.** (1991). Solvency Regulation and the Insurance Cycle . *Economic Inquiry*, 29(3), 458 - 472.

**Winter, R.A.** (1991). The Liability Insurance Market . *Journal of Economics Perspectives*, 115 -

136.

Mathewson, G.F. **Winter, R.A.**, (1989). The Economic Effects of Automobile Dealer Regulation . *Annales d'Economie et de Statistique*, 15/16, 409 - 426.

Mathewson, G.F. **Winter, R.A.**, (1988). Vertical Restraints and the Law: A Reply . *Rand Journal of Economics*, 19(2), 298 - 301.

Ware, R. **Winter, R.A.**, (1988). Currency Options, Forward Markets and the Hedging of Foreign Exchange Risk . *Journal of International Economics*, 25, 291 - 302.

**Winter, R.A.** (1988). The Liability Crisis and the Dynamics of Competitive Insurance Markets . *Yale Journal on Regulation*, 455 - 500.

Mathewson, G.F. **Winter, R.A.**, (1987). The Competitive Effects of Vertical Agreements: Comment . *American Economic Review*, 1057 - 1062.

Peters, M. **Winter, R.A.**, (1986). R&D with Observable Outcomes . *Journal of Economic Theory*, 1336 - 1251.

Farmer, R. **Winter, R.A.**, (1986). The Role of Options in the Resolution of Agency Problems: Comment . *Journal of Finance*, 1157 - 1174.

Ware, R. **Winter, R.A.**, (1986). Public Pricing Under Imperfect Competition . *International Journal of Industrial Organization*, 4(1), 87 - 100.

Gallini, N. **Winter, R.A.**, (1985). Licensing in the Theory of Innovation . *Rand Journal of Economics*, 237 - 253.

Mathewson, G.F. **Winter, R.A.**, (1984). An Economic Theory of Vertical Restraints . *Rand Journal of Economics*, 1(1), 27 - 38.

Mathewson, G.F. **Winter, R.A.**, (1983). Vertical Integration by Contractual Restraints in Spatial Markets . *Journal of Business*, 56(4), 497 - 519.

Peters, M. **Winter, R.A.**, (1983). Market Equilibrium and the Resolution of Uncertainty . *Canadian Journal of Economics*, 16(3), 381 - 390.

Mathewson, G.F. **Winter, R.A.**, (1983). The Incentives for Resale Price Maintenance under Imperfect Information . *Economic Inquiry*, 21(3), 337 - 348.

Gallini, N. **Winter, R.A.**, (1983). Vertical Control in Monopolistic Competition . *International Journal of Industrial Organization*, 1(3), 275 - 286.

Turnbull, S. **Winter, R.A.**, (1982). An Alternative Test of the Capital Asset Pricing Model: Comment . *American Economic Review*, 72(5), 1194 - 1196.

**Winter, R.A.** (1982). On the Choice of an Index for Disclosure in the Life Insurance Market: An Axiomatic Approach . *Journal of Risk and Insurance*, 49(4), 513 - 549.

**Winter, R.A.** (1981). On the Rate Structure of the American Life Insurance Industry . *Journal of Finance*, 36(1), 81 - 97.

**Winter, R.A.** (1981). Majority Voting and the Objective Function of the Firm under Uncertainty: Note . *Bell Journal of Economics*, 12(1), 335 - 337.

(b) Conference Proceedings



Krishnan, H., **Winter, R.A.** . (2006). Vertical Control, Dynamics, and the Strategic Role of Inventories. Proceedings of the *Manufacturing and Service Operations Management Conference*, Atlanta, GA, 2006.

(c) *Other*

## **2. NON-REFEREED PUBLICATIONS**

(a) *Journals*

Ware, R. and Winter, R.A., “Merger Efficiencies in Canada,” *The Antitrust Bulletin*, 2016.

Winter, R.A., “*Tervita* and the Efficiency Defense in Canadian Competition Law,” *Can Comp L Rev*, Vol. 28, No.2 (Fall, 2015): 145 – 172.

Winter, R.A., “The Gap in Canadian Competition Law Following Canada Pipe,” *Can Comp L Rev*, Vol. 27, No. 2 (Fall, 2014)”.

Winter, R.A. (2006). Rebuttal to Cooper Froeb, O'Brien, and Vita on Vertical Restraints and Competition Policy . *Competition Policy International*, 2(1), 195 - 197.

Winter, R.A. (2006). Vertical Restraints and Antitrust Policy: A Reaction to Cooper, Froeb, O'Brien, and Vita . *Competition Policy International*, 1(2), 74 - 89

Winter, R.A. (2004). Review of: Competition Policy for Small Market Economies, *Canadian Competition Record*

Sanderson, M. Winter, R.A., (2002). Geographic Market Definition in Canadian Waste Services (1b). *Canadian Competition Record*, 21(1), 112 - 125.

Mathewson, G.F. Winter, R.A., (2002). The Analysis of Efficiencies in Superior Propane: Correct Criterion Incorrectly Applied . *Canadian Competition Record*, 20(2), 88 - 97.

Trebilcock, M., Winter, R.A., (2000). The State of Efficiencies in Canadian Competition Policy . *Canadian Competition Record*, 106 - 114.

Winter, R.A. (2000). Optimal Insurance under Moral Hazard . *Handbook of Insurance*, 155 - 186.

Mathewson, G.F. Winter, R.A., (1990). Resale Price Maintenance Under Review: A Response to J.W. Morrow . *Canadian Competition Policy Record*, 11(1), 45 - 49.

Winter, R.A. (1986). Review of Blair and Kaserman's " Law and Economics of Vertical Control" *Journal of Economic Literature*

Mathewson, G.F. Winter, R.A., (1985). The Economics of Franchise Contracts . *Journal of Law and Economics*, 503 - 526.

(b) Conference Proceedings

**Winter, R.A.** (2014, forthcoming), "Competition Policy and Vertical Restraints: on the Economic Foundations," forthcoming in *Competition Law and Economics: Beyond Monopoly Regulation*

**Winter, R.A.** . (2005). Discussion, Brookings Papers on Economic Activity (2b). Proceedings of the *Insurance Industry Dynamics*, 2005.

**Winter, R.A.** . (2002). Efficiency as a Goal of Competition Policy (2b). Proceedings of the *Canadian Competition Policy: Preparing for the Future*, 2002.

**Winter, R.A.** . (2000). Remarks on Recent Developments in Canadian Competition Policy (2b). Proceedings of the *Critical Issues in Mergers and Acquisitions, Queen's Annual Business Law Symposium*, 2000.

**Winter, R.A.** . (1998). Substantial Lessening of Competition in Canadian Competition Law (2b). Proceedings of the *Competition Law for the 21st Century, Canadian Bar Association*, 1998.

**Winter, R.A.** . (1998). Discussion of 'The Law and Economics of Tying Arrangements' (2b). Proceedings of the *Competition Policy and Intellectual Policy*, 1998.

### **3. BOOKS**

(a) *Authored*

Trebilcock, M., Iacobucci, E., Collins, P. **Winter, R.A.**, (2002). *The Law and Economics of Canadian Competition Policy*.

Mathewson, G.F. **Winter, R.A.** (1986). *Competition Policy and the Economics of Vertical Exchange*.

(b) *Edited*

(c) *Chapters*

**Winter, R.A.** (2014), "Innovation and the Green Paradox," in *Climate Policy and Nonrenewable Resources*, Karen Pittel, Rick van der Ploeg, and Cees Withagen, eds., M.I.T. Press: 121 – 150.

Iacobucci, E. and **Winter, R.A.**, (2015) "Vertical Restraints Across Jurisdictions," *Oxford Handbook on International Antitrust Economics*, Roger D. Blair and D. Daniel Sokol, eds.

Oxford University Press.

**Winter, R.A. (2013)**, “Moral Hazard and Insurance Contracts,” Chapter (6) in Georges Dionne (Ed.), *Handbook of Insurance*, second edition, Springer, New York; 2013

**Winter, R.A. . (2009)**. Entry Deterrence via Contracts, *Industrial Organization, Trade, and Social Interaction: Essays in Honour of B. Curtis Eaton*. Toronto: University of Toronto Press.

Iacobucci, E., **Winter, R.A. . (2009)**. Tying and Intellectual Property. *Competition Policy and Intellectual Property*, Irwin Press

**Winter, R.A. .(2008)** Price Matching Guarantees and Meeting Competition Clauses. In W. Collins (Ed.), . *American Bar Association Volume: Issues in Competition Law and Policy*.

Trebilcock, M., Iacobucci, E. **Winter, R.A.,.** (2006). The Political Economy of Deregulation in Canada. In M. Landy, M. Levin, M. Shapiro (Eds.), *Creating Competitive Markets: The Politics and Economics of Regulatory Reform*.

**Winter, R.A. . (2000)**. Optimal Insurance under Moral Hazard. In G.F. Dionne (Ed.), *Handbook of Insurance*.

Rey, P. **Winter, R.A. 1998**. Exclusivity Restrictions and Intellectual Property.*in*. Competition Policy and Intellectual Property Rights in the Knowledge-Based Economy, Robert D. Anderson et Nancy T. Gallini, general editors

**Winter, R.A. (1992)**. Moral Hazard in Insurance Contracts. In G.F. Dionne (Ed.), . *Contributions to Insurance Economics*.

Mathewson, G.F. **Winter, R.A.,.** (1990). The Law and Economics of Vertical Restraints. In G.F. Mathewson, M. Trebilcock, M. Walker (Eds.), *The Law and Economics of Competition Policy*. Vancouver: The Fraser Institute.

Mathewson, G.F. **Winter, R.A.,** (1986). The Economics of Life Insurance Regulation: Valuation Constraints. In J. Finsinger, M. Pauley (Eds.), *The Economics of Insurance Regulation*.

Mathewson, G.F. **Winter, R.A.,** (1985). The Economics of Vertical Restraints on Distribution. In G.F. Mathewson, J. Stiglitz (Eds.), *New Developments in the Analysis of Market Structure*.

Mathewson, **Winter, R.A.,** G., Gussman, T., Campbell, C. (1984). *Regulation of Canadian Markets for Life Insurance, Consumer and Corporate Affairs*.