January 2015 <u>CURRICULUM VITAE</u> Bohumír Pazderka

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PERSONAL

Born November 18, 1941, Canadian citizen. Widower, two children. Languages: Czech, Russian, French, some German, some Spanish.

EDUCATION

Ing. Econ., 1964 (Summa cum laude), School of Economics, Bratislava, Slovakia. PhD (Economics), 1976, Queen's University, Kingston, Ontario.

FELLOWSHIPS AND OTHER AWARDS

Canadian Advertising Advisory Board Doctoral Fellowship, Queen's University, 1973-74. Canada Council Doctoral Fellowship, Queen's University, 1972-73, and 1973-74. SSHRC Research Grant 410-78-0384 (1978-1981). SSHRC Exchange Programme Grant 475-820005 (1982).

MBA Society Teaching Excellence Award, 2000 and 1993. Nominated for the Commerce Society Teaching Award, 1999-2000.

PROFESSIONAL EXPERIENCE

Assistant and Associate Professor, School of Business, Queen's University, Kingston, Ontario, September 1, 1974 to present.

Professeur visitant, Ecole supérieure de commerce, Rouen, France, January-May 2006.

Visiting Researcher, Centre for Economic Research and Graduate Education (CERGE), Prague, Czech Republic, July-August 1999.

Professeur visitant, Ecole supérieure de commerce, Toulouse, France, January-June 1999.

Guest Professor, Universität Kaiserslautern, Germany, September-December 1998.

Visiting Academic, Department of Economics, University of Queensland, Brisbane, Australia, August 1990 - August 1991.

Visiting Fellow, Science Policy Research Unit, University of Sussex, Brighton, England, August 1983 - August 1984.

Research Assistant, Royal Commission on Farm Machinery, Ottawa, Ontario, October 1968 - August 1969.

Research Officer, Research Institute of Finance, Slovak Ministry of Finance, Bratislava, January 1967 - August 1968.

Economist, Czechoslovak State Bank, Regional Branch, Košice, July 1964 - January 1967.

TEACHING

Taught MBA and Commerce courses in Microeconomics, Public Policy (Canadian businessgovernment relations), Managerial Economics and Macroeconomics, and PhD courses in Managerial Economics. Also taught continuing education courses sponsored by the Institute of Canadian Bankers and by the Canadian Urban Transport Association.

COMMITTEE MEMBERSHIP AND ADMINISTRATIVE RESPONSIBILITIES

Chair, MBA Curriculum Review and Progress Committee, 2007 to present Member, PhD/MSc Committee, School of Business, 2007-2013 and 2014 to present Member, Advisory Committee on "Queen's Population and Public Health Initiative", 2006-2008. Member, EMBA Curriculum Review Committee, 2003 to 2005. Member, School of Business Promotion, Tenure and Review Committee, 2003 to 2005 (also 1982-83, 1984-85 and 1986-87. Member, Queen's University Timetabling Committee, 2000 to 2005. Member, Queen's Centre for Enterprise Development Research Advisory Board, 2000 to 2004. Member, Research Committee, School of Business, 1999-2003 (also 1981-1990). Chairman, School of Business Research Program, 1997-1998 (also 1985-87). Member, School of Business PhD Committee, 1992-1998 (also 1982-1987) and 2014 to present. Member, Undergraduate Program Progression Committee, 1993-1998. Member, Search Committee to Select the Director of Queen's Health Policy Unit, 1996-1997. Member, Queen's University Senate, elected for the period 1991-1994. Member, Senate Committee on Academic Development, 1992-1994. Member, Search Committee to Select the Principal and Vice-Chancellor, Queen's University, 1993. Member, Alumni Teaching Awards Committee, Queen's University, 1993-1995. Member, MBA Program Committee, School of Business, 1988-1990. Member, MBA Curriculum Review Committee, School of Business, 1989-1990. Member, Principal's Advisory Committee to Select the Director of School of Public Administration, Queen's University, 1984-1985. 2

OTHER PROFESSIONAL ACTIVITIES

Acted as referee for the Canadian Journal of Economics, Canadian Public Policy, the Journal of Industrial Economics, Research Policy, the Canadian Journal of Administrative Sciences, Healthcare Policy, the Public Administration Review, the Social Sciences and Humanities Research Council of Canada, and the National Health Research and Development Program, Health and Welfare Canada.

Consulted for: The OECD; Thailand Development Research Institute; Industry and Science Canada; Task Force on the Use and Provision of Medical Services, Province of Ontario; Ministry of Community and Social Services, Province of Ontario; Government of Canada Commission of Inquiry on the Pharmaceutical Industry; Warner-Lambert Canada Inc.; Manpower and Immigration Canada; Economic Council of Canada; Consumer and Corporate Affairs Canada; Industry Canada.

Testified before the Subcommittee on the Estimates, Senate of Canada, 1983.

Panelist, Conference on Canada's Industrial Strategy for the Eighties, Public Service Commission of Canada, April 1980.

Participant, AACSB Conference on Business Environment/Public Policy and the Schools of Business in the 1980's, University of Maryland, College Park, July 1981.

Panelist, Employability Resources Network Colloquium, Ottawa, May 1989.

COMMUNITY SERVICE

University Hospitals Kingston Foundation Board of Directors, Member 2012-2014 University Hospitals Kingston Foundation Executive Committee, Member 2012-2014 University Hospitals Kingston Foundation Amalgamation Task Force, Member 2012-2014 Jeanne Mance Foundation Board of Directors, President 2011-2014 Jeanne Mance Foundation Investment Committee, Chairman 2011-2014 Jeanne Mance Foundation Investment Committee, Member 2010-2011 Member, Ethics and Values Audit Committee, Hotel Dieu Hospital, 1988-1998. Member, Board of Directors, Hotel Dieu Hospital, Kingston, 1986-1996 (Chairman, Ethics and Values Audit Committee, 1994-1996; Member, Finance and Human Resources Committee, 1986-87; Member, Quality Assurance and Communications Committee, 1987-88; Chairman, Quality Assurance and Communications Committee, 1989-90; Member, Nominating Committee, 1989-90; HDH Representative on Board of Governors, Kingston General Hospital, 1991-94). Secretary, Board of Directors, Kingcole Homes, Kingston (a non-profit organization, 1981-1983).

PAPERS AND PUBLICATIONS

DOCTORAL DISSERTATION

Promotion and Competition in the Canadian Prescription Drug Industry, Queen's University, Department of Economics, 1976.

REFEREED MONOGRAPHS

Approaches to an International Comparison of Canada's R&D Expenditures (with K.S. Palda). A study prepared for the Economic Council of Canada. Ottawa: Supply and Services Canada, 1982, pp. 57.

Professional Licensing and Competition: Effects of Licensing on Earnings and Rates of Return Differentials (with T.R. Muzondo). Research Monograph No. 5, Research Branch, Bureau of Competition Policy, Department of Consumer and Corporate Affairs Canada. Ottawa: Supply and Services Canada, 1979, pp. 251.

BOOKS

It's No Gamble. The Economic and Social Benefits of Stock Markets (with L.D. Johnson), Vancouver: The Fraser Institute, 1995. (Published in Spanish as *Y no es juego. Los beneficios sociales y economicos de los mercados bursatiles*, Panama City: Association de bolsas de comercio de Centroamerica, 1998).

Microeconomics - The Canadian Context, Third Edition (with A. MacMillan), Prentice-Hall Canada Inc., 1989, pp. 496.

ARTICLES IN REFEREED ACADEMIC JOURNALS

"Policy development to support agro-biodiversity in hills of Uttaranchal State in North India" (with M. Rais and G.W. vanLoon) *Journal of Sustainable Agriculture*, Vol. 33, Issue 3, 2009.

"Commentary on 'The effect of pharmaceutical patent term length on R&D and drug expenditures in Canada"" *Healthcare Policy*, Vol. 2, No. 3, 2007, pp. 88-92.

"Pharmaceutical innovation as a collective action problem: An application of the economic theory of alliances" (with K. Stegemann), *The Journal of World Intellectual Property*, Vol. 8, No. 2, March 2005, pp. 157-191.

"The TRIPS Agreement as an alliance for knowledge production: The funding of pharmaceutical innovation" (with K. Stegemann), *The Journal of World Intellectual Property*, Vol. 6, No. 4, July 2003, pp. 529-570.

"Knowledge, innovation and share value" (with L.D. Johnson and E.H. Neave), *International Journal of Management Reviews*, Vol. 4, No. 2, June 2002, pp. 101-134.

"Financial systems in ex-Soviet bloc transition economies" (with L.D. Johnson and E.H. Neave), *Advances in Financial Economics*, Vol. 4, 1999, pp. 103-136.

"Patent protection and pharmaceutical R&D spending in Canada", *Canadian Public Policy*, Vol. 25, No. 1, March 1999, pp. 29-46.

"Firm value and investment in R&D" (with L.D. Johnson), *Managerial and Decision Economics*, Vol. 14, 1993, pp. 15-24.

"Advertising quality in sales response models" (with S.J. Arnold, T.H. Oum and D.W. Snetsinger), *Journal of Marketing Research*, XXIV, February 1987, pp. 106-113.

"Income-enhancing effects of professional licensing restrictions: A cross-section study of Canadian data" (with T.R. Muzondo), *Antitrust Bulletin*, XXVIII, No. 2, Summer 1983, pp. 397-415.

"The consumer costs of professional licensing restrictions in Canada and some policy alternatives" (with T.R. Muzondo), *Journal of Consumer Policy*, 6, Spring 1983, pp. 55-75.

"International comparisons or R&D effort: The case of the Canadian pharmaceutical industry" (with K.S. Palda), *Research Policy*, 11, No. 4, 1982, pp. 247-259.

"Occupational licensing and professional incomes in Canada (with T.R. Muzondo), *Canadian Journal of Economics*, XIII, No. 4, November 1980, pp. 659-667.

"Possibilities of calculating the cost of R&D" (with A. Vavro, in Slovak), *Finance a úver* (Finance and Credit), No. 2, 1969, Prague.

"Some trends in the structure of the R&D expenditures in Czechoslovakia during 1960-1965" (with A. Vavro, in Slovak), *Finance a úver* (Finance and Credit), No. 1, 1968, Prague.

CHAPTERS IN BOOKS

"Implications of recent changes in pharmaceutical patent legislation in Canada", in: *Economic Aspects of Biotechnologies Related to Human Health*, Part II, OECD, Directorate for Science, Technology and Industry, Paris: 1998, pp. 159-190.

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"A world perspective on information technology development" (with S. Vongpanitlerd), in: *The Role of Information Technology in the Information Society in the Year 2010*, Bangkok: Thailand Development Research Institute, 1993, pp. 1-115.

"Innovation in the Canadian telecommunications industry", in: B. Balkay, ed., International Transfer of New Technologies and Problems of Adjustment in Small Open Economies, *Trends in World Economy*, No. 50, Budapest, 1984.

WORKING PAPERS AND CONFERENCE PRESENTATIONS

"Pharmaceutical Innovation as a Collective Action Problem: An Application of the Economic Theory of Alliances" (with K. F. Stegemann). Presented at the 2004 Meetings of the Canadian Law and Economics Association, Toronto, September 17 and 18, 2004.

"Contribution of Innovation to Stock Prices of Technology Firms" (with L.D. Johnson). Presented at the 36th Annual Meetings of the Canadian Economics Association, Calgary, June 2002.

"Patent Policy and Diffusion of Pharmaceutical Innovation" (with K.F. Stegemann). Presented at the *Conference on Intellectual Property and Innovation in the Knowledge-Based Economy*, organized by Industry Canada and the Centre for Innovation, Law and Policy, University of Toronto, May 2001. Conference proceedings accessed at http://strategis.ic.gc.ca/epic/internet/inippd-dppi.nsf/en/ip00013e.html

"Knowledge, Innovation and Share Value" (with L.D. Johnson and E.H. Neave) *Framework Paper No. 00-07*, Management Research Centre for Knowledge-Based Enterprise, Queen's University.

"Government Support as a Determinant of Canadian Corporate R&D Expenditures" (with P. Hanel and L.D. Johnson). Presented at the Annual Meeting of the Canadian Economics Association, Toronto, May 1999; earlier version presented at the European Public Choice Society Annual Meeting, Göteborg, April/May 1998.

"Financial Systems in Transition Economies" (with L.D. Johnson and E.H. Neave). Presented at the European Public Choice Society Annual Meeting, Prague, April 1997.

"Financing of Universities in Canada". Presented at international seminar on *Funding Higher Education in the Slovak Republic: Basic Principles*, sponsored by the European Community program PHARE, Bratislava, May 1995.

"Transborder Technology Spillovers" (with P. Hanel and K.S. Palda). Presented at the World Congress of the Czechoslovak Society for Arts and Sciences, Prague 1994.

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"Financing of University Research and University-Industry Interaction". Presented at the World Congress of the Czechoslovak Society for Arts and Sciences, Prague 1994.

"Financial Governance in Transition Economies" (with E.H. Neave and L.D. Johnson). *Working Paper No. 94-13*, School of Business, Queen's University.

"Determinants of the International Distribution of R&D Expenditures". *Working Paper No. 92-35*, School of Business, Queen's University. Presented at the Annual Meetings of the Canadian Economics Association, Charlottetown, June 1992.

"Corporate Behaviour and Government Support to R&D in Canada: A Preliminary Analysis" (with L.D. Johnson). Queen's University, School of Business, June 1992.

"Innovativeness, Management, and Technology Spillovers". Presented at the Canadian Operational Research Society Conference, Toronto, June 1992.

"Adequacy of R&D Expenditures in Small Open Economies". *Discussion Paper in Economics, No. 65*, June 1991, Department of Economics, University of Queensland.

"The Market Value of Canadian R&D" (with L.D. Johnson). *Working Paper No. 90-35*, School of Business, Queen's University. Presented at the 1991 Administrative Sciences Association of Canada Conference at Niagara Falls, Ontario.

"Compulsory licensing and Patent Protection in the Canadian Pharmaceutical Industry". Presented at the Semi-Annual Spring Meeting of the Pharmaceutical Manufacturers Association of Canada, Plant Operations Section, Deerhurst, April 1987.

"Potential Impact of Canada-U.S. Free Trade on the Canadian Pharmaceutical Industry". Presented at the Spring Meeting of the Pharmaceutical Manufacturers Association of Canada, Plant Operations Section, Toronto, April 1986.

"Quality-Adjusted Advertising and Sales" (with S.J. Arnold, T.H. Oum and D.W. Snetsinger). *Working Paper No. 85-1*, School of Business, Queen's University.

"Innovation Policies in Small Open Economies". *Working Paper No. 83-6*, School of Business, Queen's University. Presented at the Fourth Canadian-Hungarian Economic Round Table, Kingston, Ontario, June 1983.

"Do We Really Know How to Set R&D Spending Targets?" (with K.S. Palda). *Working Paper No.* 82-12, School of Business, Queen's University.

"Foreign Ownership and R&D Intensity: Analysis of International Data" (with K.S. Palda). *Working Paper No. 82-11*, School of Business, Queen's University.

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"Innovation in the Canadian Telecommunications Industry". *Working Paper, No.* 82-8, School of Business, Queen's University. Presented at the Third Canadian-Hungarian Economic Round Table, Budapest, April, 1982.

"Market Share Competition in the Canadian Prescription Drug Industry: A Comparison of Several Therapeutical Markets" (with R. Rao), *Working Paper No. 81-8*, School of Business, Queen's University.

"The Consumer Costs of Professional Licensing Restrictions in Canada and Some Policy Alternatives (with T.R. Muzondo). *Working Paper No. 80-25*, School of Business, Queen's University.

"Income-Enhancing Effects of Professional Licensing Restrictions: A Cross-Section Study of Canadian Data" (with T.R. Muzondo). *Working Paper No. 80-15*, School of Business, Queen's University.

"Determinants of Professional incomes in Canada" (with T.R. Muzondo). Presented at the Annual Meetings of the Canadian Economics Association, Saskatoon, May 1979.

CONSULTING REPORTS

Implications of recent changes in pharmaceutical patent legislation in Canada. Prepared for the Organization of Economic Co-operation and Development, 1996.

Competition and Pharmaceutical Value Chain (with M. Anderson and others). Prepared for Industry and Science Canada, 1995.

International Pharmaceutical Industry Study (with J. Marriott and others). Prepared for Industry and Science Canada, 1994.

Managing the Funder-Provider Interface of Canada's Health Care System. Working Paper No. 93-02, Queen's-University of Ottawa Economic Projects, 1993.

A world perspective on information technology development (with S. Vongpanitlerd. Prepared for the Thailand Development Research Institute, 1992.

Review of the Literature on Factors Affecting the Demand for Health Care. Prepared for the Task Force on the Use and Provision of Medical Services, Province of Ontario, 1989.

Literature Review of Topics Pertaining to the Evaluation of Employment Programs for Income Maintenance Recipients. Prepared for the Policy and Program Development Division, Ministry of Community and Social Services, Province of Ontario, 1988.

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Review of the Literature Related to Evaluation of Employment Programs for Social Assistance Recipients. Prepared for the Policy and Program Development Division, Ministry of Community and Social Services, Province of Ontario, 1986.

Multinational R&D Activity in the Pharmaceutical Industry. Prepared for the Commission of Inquiry on the Pharmaceutical Industry, Government of Canada, 1985.

Federal Government Support of Investment in High Technology (with K.S. Palda). Senate of Canada, Proceedings of the Sub-committee on the Estimates, Issue No. 2, February 17, 1983, pp. 2:5 - 2:30.

A Study of Skill Development Leave Programs in Canadian Business and Industry (with L.E. Whitehead). Prepared for the Skill Development Leave Task Force, Employment and Immigration Canada, 1983.

Rate of Return on Advertising Investment (with S.J. Arnold, T.H. Oum and D.W. Snetsinger). Prepared for Warner-Lambert Canada Inc., 1982.

Consequences of Advertising Decisions: Preliminary Feasibility Analysis (with S.J. Arnold, R.G. Cassidy and K.S. Palda), prepared for Warner-Lambert Canada Inc., 1980.

Background to a Target: An International Comparison of the Canadian Pharmaceutical Industry's R&D Intensity (with K.S. Palda), Research Report No. 71, Technological Studies Program, Department of Industry, Trade and Commerce Canada, 1980.

Professional Licensing and Competition: Effects of Licensing on Earnings and Rates of Return Differentials (with T.R. Muzondo). Prepared for Consumer and Corporate Affairs Canada, 1978.

Canada's Position in the GATT Negotiations. Prepared for Resources Branch, Bureau of Competition Policy, Consumer and Corporate Affairs Canada, 1976.