

**Jerry Patchell**  
**Curriculum Vitae**

**Gerald (Jerry) Roe Patchell**

Hong Kong University of Science and Technology  
Clear Water Bay, Kowloon, Hong Kong  
Ph. 852-2358-7781 Fax. 852-2335-0014

Place and date of birth: Toronto, Canada, October 12, 1957  
Citizenship: Canada; Hong Kong Permanent Resident  
Office phone numbers: Ph. 852-2358-7781; Fx: 852-2335-0014  
Email: sopatch@ust.hk

**Higher Education**

Doctor of Philosophy (Geography), Simon Fraser University 1992.  
Research Fellow (Kenshuin), Kyoto University (Faculty of Economics) 1987-90.  
Japanese Language, Osaka University of Foreign Studies 1987.  
Masters of Arts (Geography), University of Western Ontario 1984.  
Honors Bachelors of Arts (Geography), University of Western Ontario 1980.

**Academic Positions**

Associate Professor: Hong Kong University of Science and Technology, Division of  
Social Science (2000-) and Division of Environment (2011-)  
Assistant Professor: Hong Kong University of Science and Technology, Division of  
Social Science, (1993-2000).  
Lecturer: Simon Fraser University, Dept. of Geography, Summer (1992).

## Publications

### Books

- Patchell, Jerry 2011 *The Territorial Organization of Variety: cooperation and competition in Bordeaux, Napa, and Chianti Classico* (Aldershot: Ashgate).
- Patchell, Jerry and Roger Hayter 2016 *Economic Geography: an institutional approach* (Toronto: Oxford University Press) 2<sup>nd</sup> edition.  
(1<sup>st</sup> edition (2011) translated into Korean)

### Refereed Journals

- Patchell, Jerry. "Evolution of collective action in a ski resort facing declining domestic demand and inbound opportunity: Hakuba's dynamic downsizing." *Environment and Planning A* 46 (2014): 2752-2768.  
(JCR 2013 5 year impact factor 2.485)
- Patchell, Jerry and Roger Hayter. "How Big Business Can Save the Climate: Multinational Corporations Can Succeed Where Governments Have Failed." *Foreign Affairs* 92 (2013): 17-22.  
(JCR 2013 5 year impact factor 2.447)
- Patchell, Jerry and Roger Hayter. "Environmental and evolutionary economic geography: time for EEG2?" *Geografiska Annaler: Series B, Human Geography* 95 (2013): 111-130.  
(2013 5 year impact factor 1.358)
- Patchell, Jerry. "Collectivity and Differentiation: a tale of two wine territories." *Environment and Planning A* 40 (2008): 2364 - 2383.  
(2013 5 year impact factor 2.485)
- Patchell, Jerry. "Linking Production and Consumption: The co-evolution of interaction systems in the Japanese house industry." *Annals of the Association of American Geographers* 92 (2002): 284-301.  
(2013 5 year impact factor 2.466)
- Eng, Irene and Jerry Patchell. "University-Industry Research Centres and Regional Development: matching a multimedia center to Hong Kong's nascent industry." *Regional Studies* 34 (2000): 494-499.  
\*I was lead author on this paper, submission by alphabetical order.  
(2013 5 year impact factor 2.017)
- Hayter, Roger, Jerry Patchell and Kevin Rees. "Business segmentation and location revisited: the terra incognita of large firms." *Regional Studies* 33 (1999): 425-442.  
(2013 5 year impact factor 2.017)
- Patchell, Jerry. "Creating the Japanese Electric Vehicle Industry: the challenges of uncertainty and cooperation." *Environment & Planning A* 31 (1999): 997-1016.  
(2013 5 year impact factor 2.485)
- Patchell, Jerry and Roger Hayter. "Japanese Precious Wood and the Paradoxes of Added Value." *Geographical Review* 87 (1997): 375-395.  
(2013 5 year impact factor 0.627)

This article won the Wrigley-Fairchild Award from the Council of the American Geographical Society for the best article appearing in the most recent three volumes (Vol. 86-88) of the *Geographical Review*.

- Patchell, Jerry. "Kaleidoscope Economies: cooperation, competition and control in regional development." *Annals of the Association of American Geographers* 86 (1996): 481-506.  
(2013 5 year impact factor 2.466)
- Patchell, Jerry and Roger Hayter. "Skill Formation and Japanese Production Systems." *Tijdschrift voor Economische en Sociale Geografie* 4 (1996): 339-356.  
(2013 5 year impact factor 1.385)
- Hayter, Roger and Jerry Patchell. "Different Trajectories in the Social Division of Labour: The Cutlery Industry in Sheffield, England and Tsubame, Japan." *Urban Studies* 30 (1994): 1427-45.  
(2013 5 year impact factor 1.961)
- Patchell, Jerry. 1993. "From Production Systems to Learning Systems: lessons from Japan." *Environment and Planning A* 25 (1993): 797-815. (2013 5 year impact factor 2.485)
- Patchell, Jerry. 1993. "Composing Robot Production Systems: Japan as a Flexible Manufacturing System." *Environment and Planning A* 25 (1993): 923-944.  
(2013 5 year impact factor 2.485)
- Patchell, Jerry and Roger Hayter. "Dynamics of Adjustment and the Social Division of Labor in the Tsubame Cutlery Industry." *Growth and Change* 3 (1992): 199-216.  
(2013 5 year impact factor 1.190)
- Patchell, Jerry. "Shinchintaisha: Japanese Small Business Revitalization." *Business and the Contemporary World* 4 (1992): 50-61. Special Issue on Japanese Affairs.

#### Refereed Encyclopedia Entries

- Hayter, Roger and Jerry Patchell "Resources and Development." In *The Wiley-AAG International Encyclopedia of Geography* Oxford: Elsevier, 2016.
- Hayter, Roger and Jerry Patchell "Resource Geography." In *International Encyclopedia of Social and Behavioral Sciences 2<sup>nd</sup> Edition* Oxford: Elsevier, 2015 volume 19, pp. 13266–13269.
- Patchell, Jerry Economic Geography: Industrial Organization." In *International Encyclopedia of Human Geography* Oxford: Elsevier). 2009. 402-407.

#### Refereed Chapters

- Patchell, Jerry. "The intersection of sectoral and geographical approaches to industrial ecology: considerations from the Japanese home appliance industry" In *International Perspectives on Industrial Ecology*, edited by Pauline Deutz, Donald Lyons, and Jun Bi. Chetlham: Edward Elgar, 2015. 175-190.
- Patchell, Jerry. "The Region as Organization: differentiation and collectivity in Bordeaux, Napa, and Chianti Classico." In *Agri-food Commodity Chains and Globalising Networks*, edited by Christina Stringer and Richard LeHeron London: Ashgate, 2008. 161-174.
- Hayter, R., Kevin Rees, and Jerry Patchell, J. "High tech 'Large Firms' in Greater Vancouver, British Columbia: Congregation without Clustering?" In *New*

- Economic Spaces, New Economic Geographies*, edited by Richard Le Heron and James Harrington. London: Ashgate, 2004. 15-28.
- Patchell, Jerry and Tony Eastham. "Governance for University-Industry Collaboration in Hong Kong." In *Universities, Knowledge Infrastructure and the Learning Region*, edited by Roel Rutten, Frans Boekema, and Elsa Kuijpers, London: Routledge, 2003. 42-68.
- Patchell, Jerry and Tony Eastham. 2001. "Creating University-Industry Collaboration in Hong Kong." In *Promoting Local Growth: Process, Practice and Policy*, edited by Daniel Felsenstein and Michael Taylor, Aldershot: Ashgate. 127-146.
- Patchell, Jerry, Roger Hayter and Kevin Rees. 1998. "Innovation and Local Development: the neglected role of large firms," In *Making Connections: Technological Learning and Regional Economic Change*, edited by Edward Malecki and Paivi Oinas, Aldershot: Avebury, 1998. 109-144.
- Patchell, Jerry and Roger Hayter. "Flexibly Specialized Production Systems and the Formation of Skills: the case of the Japanese robot industry," In *The Behavior of Enterprise and Environmental Change*, edited by Atsuhiko Takeuchi, Tokyo: Taimeido, 1997. 124-45. (In Japanese).

### **Proceedings Publications**

- Patchell, Jerry, 1993. "Japanese Society/American *Shakai* (society)", proceedings of Fourth *Symposium on Cross-Cultural Consumer and Business Studies*, Honolulu.
- Patchell, Jerry and Paul Forster 2008 "Integrating Sustainability into the Curriculum at HKUST," Symposium on Teaching and Learning, Hong Kong: Center for Excellence in Teaching and Learning HKUST.

### **Technical Reports**

- HKUST Multimedia Centre: exploring precedents and demand for a technological and creative growth pole, Report prepared for Hong Kong ITDC January 1998.

### **Work in Progress:**

#### Books

- Patchell, Jerry, *Can Oligopoly Save the Planet? (expansion of Foreign Affairs article through articles in progress [below])*

#### Articles

- Jerry Patchell "Can the Implications of the GHG Protocol's Scope 3 be realized?" (To be presented 22nd International Sustainable Development Research Society Conference July 2016)
- Patchell, Jerry and Roger Hayter "Climate Change: Some MNEs get it, regions will too" (Presented at 4th Global Conference On Economic Geography 2015)
- Patchell, Jerry, "Ski Area Interdependence: cooperation or integration" (working paper presented at AAG 2013)
- Patchell, Jerry "Learning from the Past to Build a Sustainable Fishery in Sai Kung, Hong Kong?" (30 interviews conducted with fisherpeople and other stakeholders, literature review complete)

Patchell, Jerry “Evolution of the Hong Kong Wine Hub: markets, institutions, agency”  
(Data base of 10 years of newspaper articles, government statistics, etc.  
collected)

## **Presentations**

### **Conference Presentations**

- “Global Climate Change Governance: incorporating hard oligopoly governance into a soft territorial framework,” *Meetings of the Association of American Geographers*, Boston, April 5-9 2017.
- “The embedded and the ephemeral: value persistence and social reproduction as resilience in a Hong Kong inshore fishery,” IGU ‘New Resource Geographies’ Dynamics of Economic Spaces Commission Meeting, Massey University, Palmerston North, New Zealand, November 22-24, 2016.
- “Can the Implications of the GHG Protocol's Scope 3 be realized?,” 22<sup>nd</sup> International Sustainable Development Research Society Conference, School of Science and Technology, Universidade Nova de Lisboa, Lisbon, Portugal, 13-15 July 2016.
- “Global Climate Change Governance: Incorporating Hard Oligopoly Governance into a Soft Territorial Framework,” HKU-USC-IPPA Conference on Public Policy, Hong Kong University June 10-11, 2016.
- “Climate Change: Some MNEs get it, regions will too,” *4th Global Conference on Economic Geography*, University of Oxford, 19-23 August 2015.
- “The locational strategies of MNEs committed to reducing greenhouse gas emissions,” *Academy of International Business*, Annual Meeting Bengaluru, India June 27-30, 2015.
- “Disruptive Organizations (MNCs), In Disruptive Sectors, Disrupting Locations,” *Decarbonize Asia-Pacific*, Melbourne, Australia, Feb. 12-13 2015.
- “Climate change mitigation by oligopolistic common pools,” *Meetings of the Association of American Geographers*, Tampa, USA, Apr. 8-12, 2014.
- “Can Sectoral Cooperation among Multinational Corporations Save the Planet? Climate change mitigation by oligopolistic common pools,” *Regional Studies Association 2013 International Conference*, Los Angeles, California, USA, Global Urbanization: Challenges and Prospects, December 16-18, 2013.
- “Learning from the Past to Build a Sustainable Fishery in Sai Kung, Hong Kong?” *International Geographical Union Regional Conference*, Kyoto, August 4-8, 2013.
- “Hakuba: Dynamic downsizing of a ski resort” *International Geographical Union Regional Conference*, Kyoto, August 4-8, 2013.
- “Ski Area Interdependence: cooperation or integration” *Meetings of the Association of American Geographers*, Los Angeles, April 9-13, 2013.
- “Breaking the Carbon Policy Impasse: MNCs and economic geography” *Meetings of the Association of American Geographers*, New York, Feb. 24-28, 2012. (with Roger Hayter)
- “Hakuba: skiing to sustainability through declining demand,” *3<sup>rd</sup> Global Conference on Economic Geography*, Seoul Korea Jun 28-July 1, 2011.
- “The Geographic Value Cycle,” *3<sup>rd</sup> Global Conference on Economic Geography*, Seoul Korea Jun 28-July 1, 2011.
- “*The Geographical Parameters of Industrial Ecology*”, *The 16th Annual International Sustainable Development*, Hong Kong, May 30-June 1, 2010.

- “Sustainable Sai Kung?” *16th Annual International Sustainable Development*, Hong Kong, May 30-June 1, 2010.
- “Economic Geography in Institutional Perspective”, Worlds of new work?” *Multi-scalar dynamics of new economic spaces, Commission on The Dynamics of Economic Spaces, International Geographical Union*, Barcelona, 5-8 August, 2008. (with Roger Hayter)
- “Integrating Sustainability into the Curriculum at HKUST,” *Symposium on Teaching and Learning*, HKUST December 16 2007. (with Paul Forster)
- “The Region as Organization: differentiation and collectivity in Bordeaux, Napa, and Chianti Classico,” *IGU commission on the Dynamics of Economic Spaces – Globalizing World Conference*; Auckland, New Zealand, June 26-July 2 2006.
- “The Limits to Green Organization,” Keynote address at *Environmental Economic Geography: state of the art and prospects*. Cologne, Germany May 25<sup>th</sup> to 28<sup>th</sup>, 2004.
- “SARS In Canada: The Problems of Inter-Jurisdictional Coordination And Capacity Building”; presented at *The Power of SARS: Global, State/National, Society/Local Impacts*; Division of Social Science, HKUST; September 13, 2003.
- “Linking Production and Consumption: The co-evolution of interaction systems in the Japanese house industry,” *2<sup>nd</sup> East Asian Regional Conference on Alternative Geographies*, Hong Kong 5-9 December 2001.
- “The Ecology of External Economies,” *Global Conference on Economic Geography*. Singapore, 5-9 December 2000.
- “Organization for Conviviality,” *Workshop on the Firm in Economic Geography*. Portsmouth, England, 9-11 March, 2000.
- "Creating University-Industry Collaboration in Hong Kong," *Residential Meetings of the Commission on the Organization of Industrial Space, International Geographical Union*, Haifa Israel, June 1999.
- "The Survival of Japanese Housing Contractors: independence with integration," *Residential Meetings of the Commission on the Organization of Industrial Space, International Geographical Union*, Seville, Spain, August 1998.
- "Japanese Meiboku: technological and organizational rationalization and the paradox of socially organized value added," *Residential Meetings of the Commission on the Organization of Industrial Space, International Geographical Union*, Goteborg, Sweden, August 1997. (with Roger Hayter).
- Hayter, Roger, Jerry Patchell and Kevin Rees. "Business segmentation and location revisited: the terra incognita of large firms," *Residential Meetings of the Commission on the Organization of Industrial Space, International Geographical Union*, Goteborg, August 1997.
- "Creating the Japanese Electric Car Industry: the challenges of uncertainty and cooperation," *Meetings of the Association of American Geographers*, Charlotte NC March, 1996.
- "Kaleidoscope Economies," *Meetings of the Association of American Geographers*, San Francisco April, 1994.
- "Japanese Society/American Shakai," *4th Symposium on Cross Cultural Consumer and Business Studies*, Hawai'i Dec. 1993.
- "Labour Market Segmentation and Japanese Production Systems," *Residential Meetings of the Commission on the Organization of Industrial Space, International Geographical Union*, Tokyo Aug. 1993. (with Roger Hayter)
- "From Production Systems to Learning Systems", *Meetings of the Association of Canadian Geographers*, Vancouver, July 1992.

"Cooperation and Competition amongst firms within the Matsushita Robotics Production System," *Meetings of the Association of American Geographers*, San Diego, April, 1992.

### **Invited Lectures**

- “Can Sectoral Cooperation among Multinational Corporations Save the Planet? Climate change mitigation by oligopolistic common pools,” seminar Chinese University of Hong Kong, Department of Geography and Resource Management, December 11 2013.
- “One region, many systems, much fragmentation” World Economic Forum, Tianjin, China, September 11-13 2012
- “Envisioning a Sustainable University” HKUST Health, Safety & Environmental Exhibition and General Interest Lectures April 2007
- “Sustainable Development as Integration” HKUST Masters of Science in Environmental Science Workshop Feb. 2007
- “The Organization of Variety in a Globalized World.” Division of Social Science, HKUST, December 2004.
- "Creating the Japanese Electric Car Industry: the challenges of uncertainty and cooperation," *Department of Geography, University of Georgia*, March 1996.
- "Deconstructing America with a Japanese Design," *Department of Applied Behavioral Sciences, University of California Davis*, Apr. 1994.
- "The Creation of Production Systems within the Social Division of Labour of the Japanese Robot Industry: the impact of the relation specific skill," *Department of Geography, University of Washington*, March 1991.

### **Research Grants and Awards**

- Patchell, Jerry “Barriers and Stimuli to Japan-China Environmental Cooperation and Competition” 2012 UGC - Research Infrastructure Grant (HK \$50,000).
- Patchell, Jerry “The geographical parameters of industrial ecology” Japan Foundation Grant 2008-2009 (HK \$75,000).
- Patchell, Jerry. “The Organization of Variety in a Standardized World: governance and integration among winegrowers in Bordeaux, Tuscany and Napa,” *Direct Allocation Grants* 2003-4, (HK \$50,172).
- Patchell, Jerry. “The Organization of Variety in a Standardized World: governance and integration among winegrowers in Bordeaux, Tuscany and Napa,” *Direct Allocation Grants* 2002-3, (HK \$62,959).
- Patchell, Jerry. “The Organization of Variety in a Globalized World.” *Direct Allocation Grant* 1999-2000 (\$50,000).
- Chen, Jay (principal investigator), UNDP-GEF PDF-B Preparatory Project CPR/00/G41- “Biodiversity Management in the Coastal Area of the China South Sea (BMCACSS),” Alvin So (leader), Erik Baark and Jerry Patchell, Socio-Economic Tasks subgroup (HK \$80,000).
- Patchell, Jerry. “Crucial Communities: the creation and diffusion of cooperation.” *Direct Allocation Grant* 1998/9 (HK \$40,000).
- Baark, Erik (principal investigator), et al. Industry Department of the Government of HKSAR, Study of the Appropriate S&T Indicators for Hong Kong (ID98/99.HSS01), (HK \$530,000).



Eng, Irene (principal investigator) and Jerry Patchell, “Competing through Creativity; The Transformation of Hong Kong's Urban Economy,” *Direct Allocation Grant*, 1998 (HK \$20,000).

Patchell, Jerry (principal investigator), Irene Eng, Govindan Parayil, and Joon Roh, “HKUST Multimedia Center: exploring precedents and demand for a technological and creative growth pole,” *Hong Kong Industry Department (ITDC)* 1996-97, (HK \$435,000).

Patchell, Jerry “Japan Society for the Promotion of Science Fellowship” for research on value chains in the Japanese forestry, housing, electric car and music education industries July 1994- July 1995 (Kyoto U., Economics).

## **Graduate Supervision**

### **Present Supervision**

Rettig, Lea PhD “The Analysis and Characterization of the Cultural Dimensions of Food Waste Behavior in Hong Kong”

### **Present Committee**

Du, Dijia PhD “An enquiry into environmental politics in China”  
Zhang, Shengyuan “Three essays”

### **Past Supervision**

Ada, Lo Ngai Man, MPhil 2014, “A Community-based approach in the Sustainability Study of Rock Cavern Development and Underground Space Usage in Hong Kong” Division of Environment, HKUST.

Cheng, Fung Ping Rosangela, MPhil 2005, “An Exploratory Study on Developing a Framework for adopting Community-oriented Approach in constructing 3DSocial-based Sustainable Development Indicators” Division of Social Science, HKUST.

### **Advisory/Examination Committee**

#### **PhD**

Chan, Ting Yan PhD 2014 “Green Service in the Consumer-product Industry: Conceptualization and Performance Implications”, Hong Kong Polytechnic University, External Examiner

James Ma, Kwok Wai, PhD 2013, “Innovation Process in Knowledge-Intensive Business Service Firms,” Division of Social Science, HKUST

Yu, Xiaomin, PhD 2006, “Putting corporate codes of conduct regarding labor standards in a global-national-local context : a case study of Reebok's athletic footwear supplier factory in China,” Division of Social Science, HKUST

Karen Cheung Siu Lan, PhD 2003, “Scalar Expansion and Normal Longevity in Hong Kong,” Division of Social Science, HKUST

#### **MPhil**

Zhang, Shengyuan MPhil 2014 “Human Behavior, Building Code and Urban Residential Energy Consumption in China”

Fok, Wing Tung Michelle MPhil 2016 “Waste and Recycling Management Strategies: An analysis of the Experience in Taipei City and Hong Kong”

## **Service**

### **Division of Social Science and School**

Social Science Executive Committee

Chair, Curriculum Committee Chair, Undergraduate Committee

Chair, General Education Course Development Committee

Chair of environmental economist and planning position recruitment committees

Chair, general education course development committee

Associate Director, China Center for Transnational Relations/Center on Environment, Energy and Resource Policy

Substantiation and Promotion Committee

Recruitment committees (including Head search)

Ad hoc Core Course Concurrence Committee

Faculty Mentor Program

Grievance Committee, Standing list of potential hearing committee members

Undergraduate Major Committee

Academic review committee

Curriculum committee

Graduate committee

Library coordinator

### **School of Humanities and Social Science**

School Academic Committee

### **University**

Senate Committee on Undergraduate Core Education

Chair, Core Course Review Panel, Science and Technology

Task Force for Division of Environmental Systems

Environmental Technology and Management Program Committee

Environmental Sustainability Steering Committee (ESSCOM)

Humanities and Social Science Major Taskforce

Committee on Research Practices (VPRGO)

Health, Safety and Environment Committee

Sustainable University Working Group

Institute for the Environment (Roadmap committee, management committee)

Steering committee for interdisciplinary program: Environmental Science and Technology

Steering Committee for Environmental Science Department

University Core Course Task Force

Amenities Committee

### **Professional Service**

Journal Reviewer for: *Economic Geography, Environment and Planning A, The China Journal, Canadian Geographer, Geoforum, Economic Geography, Asian Education and Development Studies, Geographical Review, Review of International Political Economy, Regional Studies, Journal of Knowledge-based Innovation in China (JKIC)*

Grant Reviewer for: *Research Grants Council; Public Policy Research; Social Sciences and Humanities Research Council of Canada*

### **Community Service**

Adjudicator and Guest of Honour of the Green School Liberal Studies Conference at the Chinese University of Hong Kong August 2016

Written and oral submissions to Legco Panel on Food Safety and Environmental Health on Ban on Trawling in Hong Kong Waters (2011)

Panel consultation to Secretary for Food and Health on Ban on Trawling in Hong Kong Waters (2011)

Friends of Sai Kung, CLP Sai Kung Wind Farm, Stakeholder Liaison Committee Representative (2011-

Climate Change Business Forum (Best Practices Committee); Greenhouse Gas Reduction Guide Committee; Leader, Sector Guide Committee (2007-2010)

Business and Environment Council's Community Forum on Building Design; submission

Climate Cool Program; British Council and Hong Kong Secondary Schools 2009

"A Green and Sustainable Campus, A Call to Rethink" *SafetyWise* Spring 2007 (Publication of the Health, Safety and Environment office)

"Sustainability Offices" *SafetyWise* Fall 2007

"A Sustainable HKUST" *Genesis*, Winter 2008 (University newsletter)

"A Sustainable Campus and FMO" *Facilities Management Newsletter*, Summer 2007

"Key Concepts in Sustainability" *Facilities Management Newsletter*, Winter 2008