

# CURRICULUM VITAE

## Dieter Franz Kogler

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**Nationality** Austrian (Permanent Resident of Canada)

**Languages** Fluent in English and German

### EDUCATION

- 2005 – 2010** **PhD, Economic Geography, *University of Toronto, Canada***  
“The Geography of Knowledge Formation: Spatial and Sectoral Aspects of Technological Change in the Canadian Economy as indicated by Patent Citation Analysis, 1983-2007”.  
Supervised by Dr. Meric Gertler and Dr. Richard DiFrancesco  
Other Committee Members: Dr. Harald Bathelt, Dr. Maryann Feldman, Dr. Pierre Desrochers.
- 2004 – 2005** **MA, Economic Geography, *University of Toronto, Canada***  
“The Geography of Knowledge Spillovers – A Patent Citations Analysis: Tracking Knowledge Flows over Time and Across Geographical Boundaries”; supervised by Dr. Meric Gertler.
- 1998 – 2001** **BA (Hons), Human Geography, *Queen Mary, University of London, UK***  
Final year thesis – “The Geography of Plant Entry and Exit in the U.S. Manufacturing Industry, 1963 to 1992” supervised by Dr. Nigel Spence.
- 1999 – 2000** ***University of California, Los Angeles, USA (One year exchange program)***  
Funded academic exchange, scholarship provided by the EAP – GPA: 3.7/4.0.
- 1996 – 1997** **One-Year Business Certificate Program, *Academy of Commerce, Austria***
- 1990 – 1995** **Engineering Diploma (Ing.), *Innsbruck Technical College, Austria***  
Five-year polytechnic engineering diploma in the field of telecommunication and electronics.

## PUBLICATIONS

### Professional Journals

- Bathelt, H., Kogler D. F. and Munro A. (forthcoming 2010) – A Typology of University Spin-off Firms – Considering Evolutionary Diversity, *Technovation* (accepted for publication).
- Bathelt, H., Kogler D. F. and Munro A. (forthcoming) Social Foundations of Regional Innovation and the Role of University Spin-offs, *Industry and Innovation* (currently under revision following reviewer comments received from Industry and Innovation)
- Kogler D. F. (forthcoming) Evolutionary Geographies of Knowledge and the Localization of Learning – Knowledge Spillovers in the Canadian Economy, 1983-2007, *Economic Geography* (currently awaiting reviewer comments from Economic Geography).
- Kogler D. F. (forthcoming) Evolutionary Spatio-Sectoral Knowledge Production and Learning Trajectories – Canadian Pharmaceuticals and Information Technology Industry Sectors, 1983-2007, *Environment and Planning A* (in final revision stage based on discussants comments; will be submitted to Environment and Planning A in June 2010).
- Kogler D. F., Fritsch M. and Stolarick K. (forthcoming) The ‘Creative’ Determinants of Regional Economic Growth – Germany, 1996-2005, *Regional Studies* (will be submitted to Regional Studies in August 2010).

### Books

- Bathelt H., Feldman, M. P. and Kogler D. F. (eds) (September 2010) *Beyond Territory: Dynamic Geographies of Knowledge Creation, Diffusion, and Innovation*. London: Routledge.
- Bathelt H., Feldman, M. P. and Kogler D. F. (September 2010) Territorial and Relational Dynamics in Knowledge Creation and Innovation, in Bathelt H., Feldman, M. P. and Kogler D. F. (eds) *Beyond Territory: Dynamic Geographies of Knowledge Creation, Diffusion, and Innovation*. London: Routledge.
- Kogler D. F., Bathelt H. and Feldman, M. P. (September 2010) Beyond Territory: Towards Stylized Facts in the Geography of Knowledge Creation, Diffusion, and Innovation, in Bathelt H., Feldman, M. P. and Kogler D. F. (eds) *Beyond Territory: Dynamic Geographies of Knowledge Creation, Diffusion, and Innovation*. London: Routledge.

### Book Chapters (peer-reviewed)

- Feldman M. P. and Kogler D. F. (2008) The Contribution of Public Entities to Innovation and Technological Change, in S Shane (ed) Blackwell *Handbook of Technology and Innovation Management*, pp. 431-459. Oxford: Blackwell.
- Feldman, M. P. and Kogler D. F. (2010) Stylized Facts in the Geography of Innovation, in Hall B. and Rosenberg N. (eds) *Handbook of the Economics of Innovation*, pp. 381-410. Oxford: Elsevier.

### Government Publication (peer-reviewed)

- Cowan, R., Feldman M. P. and Kogler D. F. (2006) Canadian Professional Networks: A Survey of Highly Skilled Canadian Workers, *HRSDC-IC-SSHRC Skills Research Initiative: Working Paper 2006-D16*.

## GRANTS AND AWARDS

- 2010 Post Doctoral Fellowship, Martin Prosperity Institute at the Rotman School of Management, University of Toronto
- 2007-2009 – Social Sciences and Humanities Research Council of Canada Doctoral Fellowship
- 2006-2007 – University of Toronto Fellowship
- 2005-2006 – University of Toronto Fellowship
- 2004-2005 – University of Toronto Fellowship
- 1999-2000 – Academic exchange scholarship provided by the Education Abroad Program of the University of California

## CONFERENCES AND SEMINARS

In each of these conferences and seminars listed, I presented my own work or research undertaken in collaboration with colleagues; these studies were discussed by leading scholars in the discipline.

### 2010

- Experience the Creative Economy – Martin Prosperity Institute, June 22-24, 2010, Toronto, ON.
- Statistics Canada Socio-economic Conference 2010, April 26-27, 2010, Ottawa, ON.
- Annual Meeting of the Association of American Geographers, April 14-18, 2010, Washington D.C.

### 2009

- Regional Science Association International Meeting, November 18-21, 2009, San Francisco, CA.
- Experience the Creative Economy – Martin Prosperity Institute, June 24-26, 2009, Toronto, ON.
- Canadian Association of Geographers Annual Meeting, May 26-30, 2009, Ottawa, ON.
- Annual Meeting of the Association of American Geographers, March 22-27, 2009, Las Vegas, NV.

### 2008

- CAGONT/ELDAAG 2008 Annual Meetings, October 18-19, 2008, Brock University, St. Catharines, ON.
- European Summer School on Industrial Dynamics 2008 – The Economics of Knowledge Appropriability and Exchange, September 1-6, 2008, Monte Sant'Angelo, Foggia, Italy.
- Annual Meeting of the Association of American Geographers, April 15-19, 2008, Boston, MA.

### 2007

- Canadian Regional Science Association Meeting, September 28-29, 2007, Mississauga, ON.
- 20<sup>th</sup> Pacific Regional Science Conference, May 6-9, 2007, Vancouver, BC.
- Annual Meeting of the Association of American Geographers, April 17-21, 2007, San Francisco, CA.

### 2006

- Regional Science Association International Meeting, November 15-18, 2006, Toronto, ON.
- HRSDC-IC-SSHRC – International Mobility of Highly Skilled Workers, June 9, 2006, Ottawa, ON.
- Annual Meeting of the Association of American Geographers, March 7-11, 2006, Chicago, IL.

Since spring 2004, I have participated in all six annual Innovation Systems Research Network (ISRN) conferences held in Toronto (3 times), Vancouver, Montreal, and Halifax. ISRN is a network of Canadian and international scholars examining innovation in various cities and regions across Canada. These three-day conferences feature a variety of multi-disciplinary research presentations, in conjunction with discussions led by internationally renowned scholars in the field of economic geography, regional, and political science.

I have been responsible for the organization of special full day sessions at the Annual Meetings of the Association of American Geographers in 2007, 2008, and 2010. In each instance thirty some distinguished geographers and economists, as well as Ph.D. candidates from Europe and North America, who specialize in research that addresses the geographic localization of innovation, the aspects of regional economic growth, and the continuing significance of place, participated in these sessions.

## INVITED LECTURES

Kogler, D. F. “The Geography of Knowledge Formation: Evolutionary Dynamics in the Localization of Knowledge Externalities”, invited guest seminar speaker to the **Geography colloquium series at the University of Northern Iowa**, (October 2009).

Kogler, D. F. “Do we have the right technologies in Canada to meet the challenges of the future? A geographical discussion of invention”, invited guest seminar speaker to a three day workshop for an international audience on concepts and models used in environmental research, organized by the **Adaptation & Impacts Research Division at the University of Toronto**, (July 2009)

Kogler, D. F. “The Geography of Invention in Canada from 1983 to 2007: The Canadian Patent Database (PATDAT)”, lecture for the **Program on Globalization and Regional Innovation Systems, University of Toronto** (February 2009).

Kogler, D. F. “The Geographic Localization of Innovation – Knowledge Flows and Spillovers”, invited guest seminar speaker for CESPRI (Centre of Research on Innovation and Internationalization) - **Università Bocconi, Milan**, (February 2008).

Held multiple guest lectures held in undergraduate and graduate courses at the University of Toronto on a variety of topics concerning the geography of innovation and economic geography.

## PROFESSIONAL MEMBERSHIPS

Association of American Geographers  
Canadian Association of Geographers  
Canadian Regional Science Association  
Regional Science Association International

## TEACHING EXPERIENCE

**GGR 365 – Trade and Globalization:** Department of Geography at the University of Toronto, January-April, 2010; Enrollment: 150 students.

This course discussed economic and geographic principles to help students understand the advent of the current period of globalization. In this context, globalization refers to international trade liberalization, which results in increased contacts across borders, migration, trade, and investment. Topics covered included the history of globalization, outsourcing, the environment, labour patterns, and development and inequalities.

**GGR 209 – People, Money and Places:** Department of Geography at the University of Toronto, Summer, 2009 & Summer, 2010; Enrollment: 60 students.

This course utilized economic principles and geographic analysis to facilitate an understanding of the global economic map of the early 21st century; further it illustrated the way in which economic activities are organized within and across countries, and how this affects people and communities.

### **2002 – 2009      Teaching Assistant positions at the University of Toronto**

Held approximately 20 teaching assistant commitments at 70 hours per course, in the Department of Geography and the Rotman School of Management:

## RESEARCH POSITIONS & SPECIAL PROJECTS

### **2010              Post Doctoral Fellow, *Martin Prosperity Institute, Rotman School of Management at the University of Toronto***

Post-doctoral fellowship position, under the research direction of Dr. Richard Florida and Dr. Kevin Stolarick. The primary objectives of this position is to submit three research papers, derived from my doctoral thesis, to first tier professional journals, and to investigate regional growth trajectories in Germany over the past two decades, by means of spatial analysis tools. Particular focus will be given to the impact creative and skilled occupations have on the creation and diffusion of innovations, and how this explains variations in economic growth patterns among the 93 planning regions in Germany.

### **2006 – 2010      Social Dynamics of Economic Performance: Innovation and Creativity in City-Regions, *University of Toronto***

This five year project is an extensive Social Science and Humanities Research Council of Canada collaborative research initiative that aims to investigate the following primary question: “How do local social characteristics and processes in city-regions determine their economic vitality and dynamism as centres of innovation and creativity?” I am engaged in several sub-projects, one with Dr.

Maryann Feldman, undertaking a study of the optics sector in Toronto, another with Dr. Harald Bathelt, performing research concerning university start-up and spin-off companies resulting from activities at the University of Waterloo, and a third with Dr. Meric Gertler focused on indicators that investigate the spatial, sectoral, and social dimensions of knowledge flows and spillovers.

**2004 – 2009**      **Data Library Services – Graduate Assistant Library Technician, *University of Toronto***

The University of Toronto Data Library Service (DLS) is the primary reference point for the collection of research data and statistics acquired by the university. The center collects, prepares, and disseminates data, and is committed to providing web-based access to the collection where possible. For further information visit: <http://www.chass.utoronto.ca/datalib/>

My role at the DLS, over the five years (10hrs/week) I was with the center, was very versatile, and ranged from direct data extraction and migration assistance for users, including students as well as faculty, to more specific tasks such as the creation of SPSS control command files, DDI-compliant metadata, and HTML-coding services to facilitate WWW-based access to data files and related documentation. Assigned duties also included providing assistance with inquiries regarding spatial analysis techniques within the ArcGIS software environment.

**2007 – 2009**      **Regional Energy Assessment Model (REAM) – Waterloo Region, Ontario, *Environment Canada***

Under the direction of Dr. Brad Bass (Adaptation & Impacts Research Division Centre for Environment at the University of Toronto and Environment Canada), I worked with a team of Ph.D. candidates from the department of engineering, on the development of a long-term energy model for the Waterloo Region. My primary tasks was the compilation of population and employment projections, and the preparation of other relevant socio-economic data, in order to utilize them in the stochastic energy model we developed. This project has recently been extended, and has been expanded to include other regions throughout Canada.

**2004 – 2006**      **Canadian Professional Networks: A Survey of Highly Skilled Canadian Workers, *Skills Research Initiative, Industry Canada***

This policy-relevant study addressed the fourth skill policy-research theme on the Skills Research Initiative agenda: International Mobility of Highly Skilled Workers. Together with Dr. Maryann Feldman, University of Toronto, and Dr. Robin Cowan, United Nations University – Maastricht Economic Research Institute of Innovation and Technology (MERIT), I investigated the role of social and professional networks in facilitating the international mobility of highly skilled Canadian workers, as well as their intensity in different disciplines and localities. The research findings are published as Working Paper 2006 D-16 in the Skills Research Initiative working paper series of the Government of Canada.

**2004 – 2006      Innovation Systems and Economic Development: The Role of Local and Regional Clusters in Canada, *University of Toronto***

This project was a five-year, 2.5 million dollar study, funded by the Social Sciences and Humanities Research Council. The goal of the study was to examine the impact and importance of cluster-driven innovation in Canada. The first of its kind in Canada, the study investigated how local networks of firms and the supporting infrastructure of institutions, businesses, and people in communities across Canada interact to generate economic growth. My role was to work with Dr. Meric Gertler on the development of innovation indicators, mainly inventive activity, as indicated by patent output across different industries and locations across Canada.

**PROFESSIONAL EXPERIENCE****2002 – 2004      Economist/Consultant, *IBI Group, Toronto, ON***

IBI Group is a multi-disciplinary consulting organization providing consulting services related to Urban Land, Facilities, Transportation, and Systems. The firm, headquartered in Toronto, has offices in major cities across North America and Europe, and has a staff of over 1,200 people company-wide. I was affiliated with the urban land and economic analysis group and worked on land needs, economic impact, financial feasibility, and regional growth management studies. Please see the following two pages for a detailed outline of the projects I contributed to.

**1997 – 1998      Planning and Development Consultant, *Daxenbichler GmbH, Austria***

Daxenbichler is an architectural/planning firm that provides diverse services to private and public clients. In 1997, when the firm was founded, I was originally employed as a consultant for the initial business development, focusing on IT needs. My previously acquired technical knowledge, and my personal interest in the planning field led to a long-term working relationship. Presently the firm is well established, and is working on several projects in Austria and other European countries.

**1995 – 1997      R&D Engineer, *Datacon Technology AG, Austria***

Datacon is an internationally operating group of companies that develops and produces high-precision machines for the semiconductor industry. I actively participated in the company's extensive growth process – the country's fastest growing IT company in the 90's; honoured with the national innovation award. I held various positions over my tenure with the company. I started in the assembly department, and then became part of the technical documentation group, and finally was involved in the development of new products in the R&D department.