

DEPARTMENT OF GEOGRAPHY & PLANNING
University of Toronto
GGR431H1S
Regional Dynamics

Spring, 2016

INSTRUCTOR:

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PREREQUISITES/RECOMMENDED PREPARATION (Undergraduate Students):

- Prerequisite - 10 FCEs
- Recommended Preparation - GGR221H1, GGR270H1. A statistics course (GGR270H1 or other) would be an asset.¹

DESCRIPTION:

This course examines theoretical and empirical research that addresses a fundamental question in economic geography: why, in an era of increasing globalization and light-speed communication and collaboration possibilities at the pan-global scale, has the region remained a fundamentally important level of analysis for socioeconomic processes? In so doing, literatures dealing with regional economic development, knowledge circulation, corporate organization, globalization, global value chains, evolutionary economics, innovation, the role of institutions and culture in economic growth and change, and economic clusters generally will be discussed.

ORGANIZATION:

One two-hour seminar per week.

The last 30 minutes of each session will be used for groups to engage in discussion regarding submitted questions.

GRADE DETERMINATION:

1. Research proposal	5%
2. Group discussions & general class participation	20%
3. Research paper	35%
4. Weekly reflections & Questions (due by 8am on day of seminar)	20%
5. Mid-term test (in-class, 1 hour)	20%

SUGGESTED READING:

We will make use of a listing of scholarly journal articles (see below). Note that no hard copy of these articles is being made available. All of the required readings are available through your "My Access" account with the University of Toronto Libraries (UTL). A digital version of this outline will be posted on the course web site (Portal). Once you are logged into your "My Access" account, you will be able to either follow links to pdf versions of the papers (where they are available) or, for those articles without linking information, the UTL main search field can be used. The UTL main search page is now very powerful and searching by the title of a given article will (in most cases) bring up a link to the article in the UTL collection (note: make sure the titles are spelled correctly when you search).

¹ We will be making use of literature at the intersections of economic geography, sociology, economics, and management. As such, any of these fields will serve as a good background, but I will be making use of theoretical concepts and terminology in common usage by Economic Geographers.

Note that there is NO FINAL EXAM for this course so the readings may look somewhat demanding in terms of quantity. Suffice it to say that I have consulted the listed sources, in addition to others, in preparing the lectures and I offer them to you as suggestions. I expect each student to read as much material as possible in order to contribute to class discussions and group work, but only those references with an asterisk beside them are considered "**required reading**" (and hence fair game for the mid-term test).

PENALTY FOR LATE WORK:

A late penalty of 5% per day will be applied to assignments that are late by one week (defined as 7 consecutive days including weekends and holidays) or less. Assignments that are more than one week late will not be accepted.

A NOTE ON ACADEMIC DISHONESTY:

Students are reminded that there is a [Code of Behaviour on Academic Matters](#). You can read about 'The Code' by following the previous link OR in hard or digital copies of the Faculty of Arts and Science Calendar. Students are expected to abide by this code.

ABOUT DOCTORS NOTES:

Circumstances always arise which cause some people to legitimately miss a deadline. If you do become ill [or are otherwise incapacitated] you must submit a completed official UofT medical form with your assignment (note it must be filled in and signed by the attending physician). The instructor reserves the right to validate all medical documentation submitted (note this usually involves calling the physician).

SUBMITTING YOUR ESSAYS USING TURNITIN.COM:

Normally, students will be required to submit their course essays to Turnitin.com for a review of textual similarity and detection of possible plagiarism. In doing so, students will allow their essays to be included as source documents in the Turnitin.com reference database, where they will be used solely for the purpose of detecting plagiarism. The terms that apply to the University's use of the Turnitin.com service are described on the Turnitin.com web site.

DETAILS:

Research Proposal

On the basis of considerable reading and thinking, you are to propose a research question relating to course material that you will address in a research essay. In order to do well on this assignment, the proposal must show clear evidence of prior research and some reflection (1-2 **double-spaced** pages).

Final Research Paper (Essay)

Based on your proposal and subsequent research each student will write a formal essay of no more than 3,500 words. The paper will comprehensively discuss and critique the chosen issue on the basis of relevant scholarly sources (10-15 **double-spaced** pages).

Weekly Reflections (1pager)

Each student must submit 4 (four) weekly reflections over the term (i.e., it is up to you to choose 4 weeks and submit a reading reflection). **Your mark will be based on the top 3 (three) reflections.** The reflections should be **no more than 250-300 words**. Exceeding the word limit will count against you. The reflection should not be a summary of all of the readings for a given week, but rather a synthesis of what you think the readings in sum are attempting to show. You should be able to put them into context given what has come in preceding weeks. I encourage you to take reading notes for each and every article you read.

Weekly Set of 3 Questions (3Qs)

Every week each student will submit three (3) questions formed on the basis of the readings for that week and which they think would be usefully subjected to more in depth discussion. Your questions should not be about facts and figures or about mechanics but rather about broader conceptual/theoretical matters raised in the

readings. The quality of the questions and the reflections will be gauged in terms of their clarity, thoughtfulness, and relevance/connection to the assigned material. **The questions must be submitted to me in digital format by 8am on the day of the seminar.** I will then organize the questions by theme and submit these to the groups for discussion. Breakout groups will be used to work through these questions and then report back to the full class.

Submitting Your Work

All work will be submitted via turnitin.com (Tii). Information will be posted on the portal regarding the login and password information for this class in Tii.²

Discussion Groups (i.e., breakout groups)

The class will be divided into a number of smaller groups (the size and number will depend on enrolment). A portion of class time each week will be used to allow the groups to meet and discuss assigned questions (I will assign questions to groups based on the questions submitted by students), and then all of the groups and I will openly discuss them. Everyone **MUST PARTICIPATE**. A large part of your class participation grade will be based on this participation.

Class Attendance and Participation

Weekly attendance and degree of preparation and participation will be tracked and will figure prominently in your grade (20%). Full marks on this item will require that you attend each session having read the assigned readings and engage in discussion with the rest of the class.

² make sure that the file(s) you submit as attachments include your surname in the filename(s). (e.g., difrancesco_reflection_week 2.pdf; smith_3questions_week 4.pdf; chang_reflection_week 5.pdf).

SCHEDULE:

Lecture	Date	Topic	Readings (those with an asterisk (*) are required).
1	1/12	Introduction to Regional Dynamics	
2	1/19	Regions Reconsidered	Storper (1995) * Scott and Storper (2003)* Boschma (1997) - about WLO concept.
3	1/26	Industrial Districts (3Qs+1 pager)	Boschma and Lambooy (2002)* Boschma and Ter Wal (2007)* Dei Ottati (2009) Molina-Morales et al. (2013) Markusen (1996)* Morrison (2008)
4	2/2	Evolutionary Economic Geography (3Qs+1 pager) Research Proposal Due - submit to Tii	Essletzbichler and Rigby (2007)* Boschma and Frenken (2009)* Frenken and Boschma (2007)*
5	2/9	Path Dependency, Lock-in etc. (3Qs+1 pager)	Boschma (1997) Boschma and Lambooy (1999)* Bathelt and Boggs (2003)* Martin and Sunley (2006)*
2/15 to 2/19 - Reading Week - No Classes			
6	2/23	Clusters (3Qs+1 pager)	Porter (2000)* Saxenian (1996): Introduction Wolfe and Gertler (2004)* Motoyama (2008) Martin and Sunley (2003) Giuliani and Bell (2005)*
7	3/1	Knowledge Spillovers and Cluster Formation (3Qs+1 pager)	Audretsch and Feldman (1996) Audretsch and Lehmann (2005)* Wolfe and Gertler (2004) Doring and Schnellenbach (2006)* Giuliani (2005) Bathelt et al. (2004)* Maskell (2014)*
8	3/8	Cluster Evolution (3Qs+1 pager)	Ter Wal and Boschma (2011)* Glückler (2007)* Ter Wal (2013) Expósito-Langa et al. (2011) Feldman and Zoller (2012)
	3/15	Mid-term test (first hour) - in class	

9	3/15	The Problem of Phased Production - Where exactly is value actually created?	Coe et al. (2004)* Zysman and Breznitz (2013) Kenney (2013) Breznitz (2013)* Dedrick et al. (2011) Linden et al. (2009) Dedrick and Kraemer (2015) Ali-Yrkkö and Rouvinen (2015)
10	3/22	Global Value Chains/Global Production Networks (3Qs+1 pager)	Sturgeon and Gereffi (2009)* Gereffi and Lee (2012)* Gereffi et al. (2005) Sturgeon (2003) Sturgeon et al. (2008)* Sturgeon and Memedovic (2010)
11	3/29	Global Value Chains, Strategic Coupling and Regional Upgrading (3Qs+1 pager) <u>Essay Due - Submit to Tii</u>	Gereffi (2011)* Gereffi (2009)* Dedrick and Kraemer (2006)* Saxenian (2003) Humphrey and Schmitz (2002) Pietrobelli and Rabelotti (2011) Sturgeon and Kawakami (2010)* Yeung (2015)
12	4/5	Universities and knowledge transfers in regional economic development (3Qs+1 pager)	Audretsch et al. (2013a, 2013b) D'Este et al. (2013) Saxenian (1996): ch. 1 Bramwell and Wolfe (2008) * Breznitz (2014), Chs. 1,2 *

* Note that an asterisk beside a reading indicates a required reading. Other references included are supplemental.

READING LIST:

Ali-Yrkkö, J. and Rouvinen, P. (2015). "Slicing Up Global Value Chains: A Micro View." <i>Journal of Industrial Competition and Trade</i> , Vol. 15, No. 1, pp. 69-85.
Audretsch, D.B. and M.P. Feldman (1996). "R&D Spillovers and the Geography of Innovation and Production." <i>American Economic Review</i> , Vol. 86, No. 3, pp. 631-640.
http://simplelink.library.utoronto.ca/url.cfm/408990
Audretsch, D.B., Link, A.N., and Peña-Legazkue, I. (2013). "Academic Entrepreneurship and Regional Economic Development: Introduction to the Special Issue." <i>Economic Development Quarterly</i> , Vol. 27, No. 1, pp. 3-5 (cited above as Audretsch et al. (2013b)).
http://simplelink.library.utoronto.ca/url.cfm/409085
Audretsch, D.B., D.P. Leyden, and A.N. Link (2013). "Regional Appropriation of University-Based Knowledge and Technology for Economic Development." <i>Economic Development Quarterly</i> , Vol. 27, No. 1, pp. 56-61. (cited above as Audretsch et al. (2013a)).
http://simplelink.library.utoronto.ca/url.cfm/408992
Audretsch, D.B. and E.E. Lehmann (2005). "Does the Knowledge Spillover Theory of Entrepreneurship hold for regions?" <i>Research Policy</i> , Vol. 34, pp. 1191-1202.
http://simplelink.library.utoronto.ca/url.cfm/408993
Bathelt, H. A. Malmberg, and P. Maskell (2004). "Clusters and knowledge: local buzz, global pipelines and the process of knowledge creation." <i>Progress in Human Geography</i> , Vol. 28, No. 1; pp. 31-56.
http://simplelink.library.utoronto.ca/url.cfm/460850
Bathelt, H.A., and Boggs, J. S. (2003). "Toward a Reconceptualization of Regional Development Paths: Is Leipzig's Media Cluster a Continuation of or a Rupture with the Past?" <i>Economic Geography</i> , Vol. 79, No. 3, pp. 265-293.
http://simplelink.library.utoronto.ca/url.cfm/460851
Bathelt, H.A. (2002). "The Re-emergence of a Media Cluster in Leipzig." <i>European Planning Studies</i> , Vol. 10, No. 5, pp. 583-611.
http://simplelink.library.utoronto.ca/url.cfm/491797
Bathelt, H.A. and Cohendet, P. (2014). "The creation of knowledge: local building, global accessing and economic development - toward an agenda." <i>Journal of Economic Geography</i> , Vol. 14, pp. 869-882.
Bathelt, H.A. and Henn, S. (2014). "The geographies of knowledge transfers over distance: toward a typology." <i>Environment and Planning A</i> , Vol. 46, pp. 1403-1424.
Bathelt, H.A. and Li, P. (2014). "Global cluster networks - foreign direct investment flows from Canada to China." <i>Journal of Economic Geography</i> , Vol. 14, pp. 45-71.

Boschma, R.A. (1997). "New industries and windows of location opportunity: A long-term analysis of Belgium." *Erdkunde*, Vol. 51, No. 1, pp. 1-19

<http://www.jstor.org.myaccess.library.utoronto.ca/stable/25646864>

Boschma, R. A. and Frenken, K. (2006). "Why is economic geography not an evolutionary science? Towards and evolutionary economic geography." *Journal of Economic Geography*, Vol. 6, pp. 273-302.

<http://simplelink.library.utoronto.ca/url.cfm/460855>

Boschma, R. A. and Frenken, K. (2009). "Some Notes on Institutions in Evolutionary Economic Geography." *Economic Geography*, Vol. 85, No. 2, pp. 151-158

<http://simplelink.library.utoronto.ca/url.cfm/460857>

Boschma, R. A. and Lambooy, J.G. (1999). "Evolutionary Economics and Economic Geography." *Journal of Evolutionary Economics*, Vol. 9, pp. 411-429.

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Boschma, R.A. and Lambooy, J.G. (2002). "Knowledge, Market Structure, and Economic Coordination: Dynamics of Industrial Districts." *Growth and Change*, Vol. 33 (Summer 2002), pp. 291-311.

<http://search.ebscohost.com.myaccess.library.utoronto.ca/login.aspx?direct=true&db=buh&AN=7461923&site=ehost-live>

Boschma, R. A. and Ter Wal, A. L. J. (2007). "Knowledge Networks and Innovative Performance in an Industrial District: The Case of a Footwear District in the South of Italy." *Industry and Innovation*, Vol. 14, No. 2, pp. 177-199.

http://resolver.scholarsportal.info.myaccess.library.utoronto.ca/resolve/13662716/v14i0002/177_knaipiditsoi.xml

Bramwell, A. And Wolfe, D. (2008). "Universities and regional economic development: The entrepreneurial University of Waterloo." *Research Policy*, Vol. 37, pp. 1175-1187.

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Bramwell, A, Nelles, J, and Wolfe, D.A. (2008). "Knowledge, Innovation and Institutions: Global and Local Dimensions of the ICT Cluster in Waterloo, Canada." *Regional Studies*, Vol. 42, No.1, pp. 101-116.

<http://simplelink.library.utoronto.ca/url.cfm/84539>

Breschi, S. and F. Malerba (2001). "The Geography of Innovation and Economic Clustering: Some Introductory Notes." *Industrial and Corporate Change*, Vol. 10, No. 4, pp. 817-833.

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Bresnahan, T., Gambardella, A., and Saxenian, A. (2001). "'Old Economy' Inputs for 'New Economy' Outcomes: Cluster Formation in the New Silicon Valleys." *Industrial and Corporate Change*, Vol. 10, No. 4, pp. 835-860.

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Breznitz, S.M. (2014). "The Fountain of Knowledge: The Role of Universities in Economic Development." Stanford University Press, Stanford, CA.
Breznitz, D. (2013). "The problem of decomposition: industrial policy and growth in a world of phased production." in UNIDO, 2013. 21st Century Manufacturing (pp. 1-10) [available on class portal page as "UNIDO, 2013" in resources section]
Britton, J.N.H., D. Tremblay, and R. Smith (2009). "Contrasts in Clustering: The Example of Canadian New Media." European Planning Studies, Vol. 17, No. 2, pp. 211-234.
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Cohendet, P., Grandadam, D. Simon, L. and Capdevila, I. (2014). "Epistemic communities, localization and the dynamics of knowledge creation." Journal of Economic Geography, Vol. 14, pp. 929-954.
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Cumbers, A. and MacKinnon, D. (2004). "Introduction: Clusters in Urban and Regional Development." Urban Studies, Vol. 41. Nos. 5/6, pp. 9959-969.
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Dedrick, J. Kraemer, K.L., and Linden, G. (2011). "The distribution of value in the mobile phone supply chain." in Telecommunications Policy, Vol. 35, No. 6, pp. 505-521.
Dedrick, J. and Kraemer, K. L. (2006). "Is Production Pulling Knowledge Work to China? A Study of the Notebook PC Industry." Computer (Published by the IEEE Computer Society), Vol. 39, No. 7, pp. 36-42, July 2006.
Dedrick, J. and Kramer, K. L. (2015). "Who captures value from science-based innovation? The distribution of benefits from GMR in the hard disk drive industry." Research Policy, Vol. 44, No. 8, pp. 1615-1628.
Dei Ottati, G. (2009). "An Industrial District Facing the Challenges of Globalization: Prato Today." European Planning Studies, Vol. 17, No 12, pp. 1817-1835
D'Este, P., Guy, F., and Iammarino, S. (2013). "Shaping the formation of university-industry research collaborations: what type of proximity does really matter?" Journal of Economic Geography, Vol. 13, pp. 537-558.
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Essletzbichler, J. and Rigby, D. (2007). "Exploring Evolutionary Economic Geographies." Journal of Economic Geography, Vol. 7, pp. 549-571
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Expósito-Langa, M., Molina-Morales, F. X., and Capó-Vicedo, J. (2011). "New Product Development and Absorptive Capacity in Industrial Districts: A Multidimensional Approach." <i>Regional Studies</i> , Vol. 45, No. 3, pp. 319-331.
Feldman, M., Francis, J., Bercovitz, J. (2005). "Creating a Cluster While Building a Firm: Entrepreneurs and the Formation of Industrial Clusters." <i>Regional Studies</i> , Vol. 39, No. 1, pp. 129-141.
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Feser, E.J. (2003). "What Regions Do Rather than Make: A Proposed Set of Knowledge-based Occupation Clusters." <i>Urban Studies</i> , Vol. 40, No. 10, pp. 1937-1958.
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Gereffi, G. and Lee, J. (2012). "Why the World Suddenly Cares About Global Supply Chains." <i>Journal of Supply Chain Management</i> , Vol. 48, No. 3, pp. 24-32
Gereffi, G. (2011). "Global value chains and international competition." <i>The Antitrust Bulletin</i> , Vol. 56, No. 1, Spring 2011, pp. 37-56.
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Glückler, J. (2007). "Economic geography and the evolution of networks." <i>Journal of Economic Geography</i> , Vol. 7, No. 5, pp. 619-634.
Glückler, J. (2013). "Knowledge, Networks and Space: Connectivity and Problem of Non-Interactive Learning." <i>Regional Studies</i> , Vol. 47, No. 6, pp. 880-894.

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Giuliani, E. and Bell, M. (2005). "The micro-determinants of mesa-level learning and innovation: evidence from a Chilean wine cluster." <i>Research Policy</i> , Vol. 34, pp. 47-68.
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Henderson, J., Dicken, P., Hess, M., Coe, N., Yeung, H. (2002). "Global production networks and the analysis of economic development." <i>Review of International Political Economy</i> , Vol. 9, No. 3, pp. 436-464
Hess, M. and Coe, N.M. (2006). "Making connections: global production networks, standards and embeddedness in the mobile-telecommunications industry." <i>Environment and Planning A</i> , Vol. 38, pp. 1205-1227.
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Saxenian, A. (1996). "Regional advantage: culture and competition in Silicon Valley and Route 128."
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