

NIRSA ISSP Graduate Education Programme at NUI Maynooth

Module 4: Year 1, Semester 2 (2009)

Advanced Specialized Courses (Registration numbers: Nir704a-Nir704d) – Each module worth 5 ECTS

- **4a Migration (Nir704a) – 5 ECTS**

This course will examine advanced research and theory concerning migration. 50% of the course will be delivered through 18.5 hours of reading seminars and workshops. Seminars will take place in both NUIM and Trinity College Dublin. 50% will be delivered through 12 hours of contact time over a week through a Masterclass speaker. Students will be sent readings in advance and discuss these using Moodle and other pedagogical tools, prior to the arrival of the Masterclass speaker. The Masterclass speaker will run reading seminars and workshops.

Module organized by Mary Gilmartin (NUIM, Geography) and Mary Corcoran (NUIM, Sociology), with contributions from Breda Gray (University of Limerick, Sociology), Ronit Lentin (Trinity College Dublin, Sociology), Peter Mulhau (Trinity College Dublin), and Gavan Titley (NUIM, Media Studies)

Masterclass speaker: Eleonore Kofman (Middlesex University, UK, School of Health and Social Sciences) - Week of 6-10 April

“To come from elsewhere, from “there” and not “here” , and hence to be simultaneously inside and outside the situation at hand, is to live at the intersection of histories and memories, experiencing both their preliminary dispersal and their subsequent translation into new and more extensive arrangements along emerging routes”¹.

Introduction

The purpose of this module is to provide a forum for an inter-disciplinary and critical exploration of migration, with particular reference to contemporary theoretical advances and debates. The module will involve a regular schedule of classes delivered by staff from NUI Maynooth, Trinity College Dublin and University of Limerick as well as a week-long masterclass with Professor Eleonore Kofman. The module is interdisciplinary in design and delivery, with contributions from staff in Sociology, Geography, Media Studies, Ethnic & Racial Studies and Women’s Studies. The module will be delivered at two locations: NUI Maynooth and TCD. The majority of module seminars will be held at NUI Maynooth.

Aims and Objectives

By the end of this module, you should:

¹ I.Chambers, *Migrancy, Culture and Identity*, London, Routledge. 1994 p. 6.

- Have a detailed knowledge of key theoretical debates in the study of migration
- Have a critical understanding of migration theory as it has developed and evolved across social science disciplines
- Be able to apply theoretical insights to empirical situations
- Be able to conduct independent research on migration
- Be able to demonstrate this critical knowledge and understanding in written and verbal form

Calendar

Session No	Date	Time	Theme	Session Leader(s)	Location
Introduction*	Feb 4	3:30-4pm	Introduction to the course	Mary Corcoran & Mary Gilmartin	NUIM
Session 1	Feb 4	4-6pm	The laws of migration	Mary Gilmartin	NUIM
Session 2	Feb 18	2-4pm	The spaces of migration	Mary Gilmartin	NUIM
Session 3	Feb 18	4-6pm	The political economy of migration	Mary Corcoran	NUIM
Session 4	Feb 25	2-4pm	Transnationalism	Mary Corcoran	NUIM
Session 5	Feb 25	4-6pm	Media and transnationalism	Gavan Titley	NUIM
Session 6	March 11	4-6pm	Diaspora	Breda Gray	TCD (Sociology Common Room)
Session 7	April 1	2:30-4pm	Migration and racism	Ronit Lentin	TCD (Sociology Common Room)
Session 8	April 1	4:30-6pm	Migration and employment	Peter Mulhau	TCD (Sociology Common Room)
Special Session – Public Lecture	April 8	Time TBA	Public lecture by Eleonore Kofman, Masterclass speaker	Eleonore Kofman	NUIM
Session 9	April 6-10	Time TBA	Special Graduate Seminar with Professor Kofman	Eleonore Kofman	NUIM
Session 10	April 6-10	Time TBA	Individual student meetings with Professor Kofman	Eleonore Kofman	NUIM
Session 11	April 29	2-4pm	'Migration salon' **	Graduate Students	NUIM
Session 12	April 29	4-5pm	Overview and conclusions ***	Mary Corcoran & Mary Gilmartin	NUIM
Deadline for research papers	May 8	By 5pm	Research papers due (60% of final grade)		

* Course outline and general guidelines on student presentations and research paper will be distributed. Students will be assigned to work with MC/MG on their research papers on the basis of their stated research interest in the field.

** Migration salon: short “conference-style” presentations based on student research papers (40% of final grade).

*** Followed by a social hour in a local hostelry.

Assignment/Assessment

This module will be assessed by an end of semester research presentation (40%) and an end of semester research paper (60%). In addition, you are required to complete required reading in advance of class, to attend class and to participate in discussions in class.

The end of semester research presentation will take the form of a migration salon, with short “conference-style” presentations based on student research papers. This will take place on Wednesday April 29, and will be a regular NIRSA research seminar, open to all. The end of semester research paper will be developed in association with the module coordinators. The due date is Friday 8 May, 2009 and the paper should be a maximum of 5,000 words in length. More information on the migration salon and the research papers will be made available later.

4b Youth (Nir704b) – 5 ECTS

This course will examine advanced research and theory concerning youth issues. The module is designed to provide students with an overview of the key theories, empirical findings, issues and debates in contemporary youth studies, drawing on research from across the social sciences in Ireland, Europe and internationally. The module has two parts. Part 1 will consist of six thematic sessions delivered over two full days (led by Dr. Maurice Devlin), each session including a lecture input followed by discussion (readings will also have been assigned in advance). Part 2 takes the form of a ‘masterclass’ led by Dr. Howard Williamson, Professor of European Youth Policy at the University of Glamorgan. Part 2 will allow for further discussion of the material introduced in Part 1, with supplementary inputs from the guest lecturer(s) and with the opportunity for group and one-to-one tutorial support tailored more specifically to the research interests and concerns of students. Dr. Paula Mayock, Lecturer in Youth Research at the School of Social Work and Social Policy and Children's Research Centre, Trinity College Dublin, will also contribute to the module through a guest lecture.

Module organized by Maurice Devlin (NUIM, Applied Social Studies)

Masterclass/guest speakers: Howard Williamson (University of Glamorgan, UK, European Youth Policy) – Tuesday 5 May and Wednesday 6 May – and Paula Mayock (Trinity College Dublin, School of Social Work and Social Policy + Children’s Research Centre) – Date and time to be announced

Howard Williamson – Masterclass

Howard Williamson BSc (Econ) PhD is Professor of European Youth Policy at the University of Glamorgan. He has previously worked at the Universities of Cardiff and Oxford and has been a visiting lecturer and professor at universities throughout Europe and beyond. He has published more than one hundred papers and several books on youth-related themes, including *The Milltown Boys Revisited* (Berg, 2004), a follow-up to an ethnographic study conducted in the mid 1970s. He has worked extensively as a researcher and consultant on youth issues for the European Commission, the Council of Europe and numerous other national and international organisations. He is a member of the international editorial board of the *Journal of Youth Studies* (Routledge) and organisational secretary of the Research Committee on Youth of the International Sociological Association. He is also a professionally qualified youth worker and continues to work with young people part-time.

Professor Williamson’s Masterclass will provide the opportunity to explore, and gain expert insights into, diverse aspects of youth cultures, youth policies and youth in contemporary society, locally and globally, as well as practical guidance on strategies and models of youth research.

Paula Mayock – Guest Lecture

Paula Mayock is a Senior Researcher at the Children’s Research Centre and Lecturer in Youth Research at the School of Social Work and Social Policy in Trinity College Dublin. Her research focuses primarily on the lives and experiences of marginalised and

'at risk' youth, covering areas such as drug use and drug problems, homelessness, sexuality, risk behaviour and mental health. She is Principal Investigator of a longitudinal qualitative study of youth homelessness in Dublin city, a study of heroin initiation, and a study of mental health and well-being among lesbian, gay, bisexual and transgender people of all ages. She is also joint Principal Investigator of a study of cocaine use in Northern Ireland. Paula has recently been a NIDA (National Institute on Drug Abuse) INVEST Post-doctoral Fellow, based at the National Development and Research Institutes, New York. She is the author of numerous articles and reports and co-author of *Lives in Crisis: Homeless Young People in Dublin* (Liffey Press, 2007) and of the chapter on Ireland in the forthcoming *Nightlife and Crime: Social Order and Governance in International Perspective* (Oxford University Press). She is also a member of the editorial board of *Youth Studies Ireland*.

Calendar (all sessions will take place at NUIM)

Session No.	Date	Time	Themes	Session Leader
1	5 March (Thurs.)	All-day (times TBA)	1. Historical and Cultural Perspectives on Youth and Adolescence 2. Youth Cultures, Subcultures and Inequalities 3. Youth in Contemporary Ireland	Maurice Devlin (NUIM)
2	2 April	All-day (times TBA)	4. Youth Policies, Professions and Movements 5. Modern and Postmodern Transitions of Youth 6. Doing Youth Research	Maurice Devlin (NUIM)
3	5 May (Tues.)	All-day (times TBA)	Masterclass Part 1 – Youth cultures, youth policies and youth in contemporary society	Howard Williamson (University of Glamorgan)
4	6 May (Wed.)	All-day (times TBA)	Masterclass Part 2 – Youth cultures, youth policies and youth in contemporary society	Howard Williamson (University of Glamorgan)

Indicative Reading List for Sessions No 1 and 2 (led by Maurice Devlin)

1. Historical and Cultural Perspectives on Youth and Adolescence

J.J. Arnett (2007) *Adolescence and Emerging Adulthood: A Cultural Approach* (3rd edition) New Jersey: Pearson/Prentice Hall.

J. Gillis (1981) *Youth and History: Tradition and Change in European Age Relations, 1770-Present* New York: Academic Press.

Harry Hendrick (1990) *Images of Youth: Age, Class, and the Male Youth Problem, 1880-1920* Oxford: Clarendon Press.

2. Youth Cultures, Subcultures and Inequalities

L. Back (1996) *New Ethnicities and Urban Culture: Racisms and Multiculture in Young Lives* London: UCL Press/Routledge

A. Harris (ed) (2007) *New Wave Cultures: Feminism, Subcultures, Activism*. London: Routledge.

T. Johansson (2007) *The Transformation of Sexuality: Gender and Identity in Contemporary Youth Culture*. Aldershot: Ashgate.

T. Shildrick (2006) 'Youth culture, subculture and the importance of neighbourhood', *Young* 14(1): 61-74.

3. Youth in Contemporary Ireland

D. Hannan, & S.F. Ó Riain, (1993) *Pathways to Adulthood in Ireland*. Dublin: ESRI (General Research Series, paper no. 161)

K. Lalor, Á de Róiste and M. Devlin (2007) *Young People in Contemporary Ireland*. Dublin, Gill & Macmillan.

J. Sweeney & J. Dunne (2003) *Youth in a Changing Ireland*. Dublin: Foróige.

4. Youth Policies, Professions and Movements

K. Lalor, Á de Róiste and M. Devlin (2007) 'Services and Policies for Young People', ch. 10 in *Young People in Contemporary Ireland*. Dublin, Gill & Macmillan.

M. Milmeister & H. Williamson (eds) (2006) *Dialogues and Networks: Organising Exchanges between Youth Field Actors*. Luxembourg: Scientific Editions.

5. Modern and Postmodern Transitions of Youth

C. Wallace & S. Kovatcheva (1998) *Youth in Society: The Construction and Deconstruction of Youth in Eastern and Western Europe*. London: Macmillan.

H. Helve, & G. Holm (eds) (2005) *Contemporary Youth Research: Local Expressions and Global Connections*. Aldershot: Ashgate

P Nilan & C. Feixa (eds) (2006) *Global Youth?: Hybrid Identities, Plural Worlds*. London: Routledge.

6. Doing Youth Research

A. Bennett, M. Cieslik & S. Miles (eds) (2003) *Researching Youth*. Basingstoke: Palgrave Macmillan.

C. Cahill (2007), 'Doing Research with Young People: Participatory Research and the Rituals of Collective Work', *Children's Geographies*, 5(3): 297-312.

S. Fraser (2004) *Doing Research with Children and Young People*. London: Sage/ Open University

Assignment/Assessment

Students will be required to write an essay critically reviewing the main perspectives introduced and assessing their relevance for the students' own research (they may, in consultation with the module leader, choose to focus on or more perspective/theme/issue).

• **4c Balanced Development (Nir704c) – 5 ECTS**

This module will examine advanced research and theory on the themes of strategic spatial planning and development. The module will consist of 24 hours of intensive seminars and workshops blocked into 6 hours of contact time per day over four days. The first block of 12 hours will be hosted over two consecutive days by NIRSA at NUI Maynooth and the second two day 12 hour block will be held in the Department of Geography at Mary Immaculate College at the University of Limerick. Each daily session will be led by a specialist in the relevant theme and will investigate a selected theme through discussion of pre-supplied readings, a seminar presentation with follow-up discussions, and associated breakout workshops designed to explore the key issues identified in the readings and the seminar in considerable depth. Participants will be sent the selected readings at least three readings in advance of the blocked relevant sessions.

The module is organized by Brendan Bartley (NUI Maynooth) and Des McCafferty (MIC, UL) in collaboration with Dr. Michael Murray (QUB, Planning), Dr. Brendan O Keefe (MIC, UL), Dr. David Counsell and Dr. Caroline Crowley (UCC), Dr. Proinnsias Breathnach and Dr. Chris Van Egeraat (NUI Maynooth). Additional module inputs will be provided by Prof. Rob Kitchin, Dr. Delphine Ancien, and Dr. Declan Curran (NUI Maynooth).

Module Summary and Calendar:

Theme	Topics	Location	Dates
W1: Regional development theory, problems, policy (PB, CVE and BB)	<p>Regions in the globalised economy: theories (neoclassical / supply side, export base / demand side etc) and contemporary processes of regional development (2 hours) PB</p> <p>Contemporary regional problems / disparities – Ireland and Europe (2 hours) CVE</p> <p>Evolution of regional policy and regional planning in Europe: the emergence of strategic spatial planning (2 hours) BB</p>	NUI Maynooth	30 March 2009
W2: Balanced Regional Development: the	Balanced Regional Development – the concept and its application (4 hours) MM	NUI Maynooth	31 March 2009

NSS and the RDS (MM and DCo)	The application of strategic spatial planning in Ireland and the UK (2 hours) DCo		
W3: Functional regions and the urban system (DM and PB)	<p>Concepts and methodologies for delimitation of functional regions: the City-Region (C-R) and the Polycentric Urban Region (PUR) (2 hours) DM and PB</p> <p>City-regions and multi-level governance (2 hours) (DA, CoC)</p> <p>Linking recreational/sports Infrastructure thresholds and Functional Urban Areas. (2 hours) DCu</p>	Mary Immaculate College, University of Limerick	23 April 2009
W4: Sustainable rural development and planning in Europe and Ireland (BOK)	<p>Rural re-structuring - challenges and opportunities for the rural milieu (1.5 hours) BOK and CC</p> <p>The place of the rural in regional development (1.5 hours) BOK and CC</p> <p>Rural governance, neo-endogenous development, economic diversification (1.5 hours) BOK and CC</p> <p>Promoting sustainable rural communities – policies and practices across OECD countries (1.5 hours) BOK and CC</p>	Mary Immaculate College, University of Limerick	24 April 2009

Assignment/Assessment

The module will be assessed on the basis of active participation in the seminar discussions and workshops. This will account for 50% of the total marks. The remaining 50% of marks will be awarded for a position paper (5,000 words maximum) derived from the module themes and submitted within three weeks of the last module session.

- **4d Selected topics in spatial data analysis (Nir704d) – 5 ECTS**

This course will be delivered by the National Centre for Geocomputation (NCG) at NUIM and will investigate the interpretation of spatial information using spatial statistics and GIS technologies. The module will comprise 24 hours of contact through seminars, lectures and workshops that will be delivered in blocks. Two 6-hour sessions will be delivered by Alexei Pozdnoukhov (from NUIM, NCG), each taught at NUIM over one day. One session will focus on geostatistics, and the other one will be about machine learning (data mining) for geospatial data. A 12-hour masterclass (6 X 2-hour lectures) on spatial interaction modelling and network analysis will be delivered by Morton O’Kelly (from The Ohio State University, Geography) over two days, at NUIM.

Module organized by Dr. Alexei Pozdnoukhov (NUIM, NCG), with inputs from Prof. A Stewart Fotheringham (NUIM, NCG) and Dr. Urska Demsar (NUIM, NCG)

Masterclass speaker(s): Prof. Morton O’Kelly (The Ohio State University, Geography)

1st 6-hour Workshop: Geostatistics – Dr. Alexei Pozdnoukhov - May 11th (Monday)

Focus: variography, predictive models of kriging and stochastic simulations; illustrated with radioactivity and pollution mapping

Description: The workshop is devoted to geostatistics - a well-established field of spatial statistics, which has long and successful story in real data analysis and spatial predictions. It applies to the problem of spatial predictions from empirical data. Geostatistics considers data as a single realisation of correlated stochastic process and is well suited for such problems as pollution mapping and natural resources prediction. The workshop consists of three main blocks. First, the basic assumptions and descriptive geostatistical tools (variography) are introduced. Then, the predictive models of kriging are presented. Finally, students get familiar with an approach of stochastic simulations, which allows to reproduce spatial variability of the modelled phenomena and to describe the uncertainty.

2nd 6-hour Workshop: Machine Learning (Data Mining) for Geospatial Data – Dr. Alexei Pozdnoukhov – May 12th (Tuesday)

Focus: both unsupervised methods (clustering, dimensionality reduction, probability density estimation) and supervised methods (classification, regression); illustrated with socio-economic data analysis

Description: Machine learning is a subfield of artificial intelligence concerned with the development of techniques and algorithms that allow computers to learn from data. It provides a collection of universal adaptive non-linear tools to approach the analysis and predictions of high-dimensional data widely used in applied computer science nowadays. The course provides an overview of both unsupervised (clustering, dimensionality reduction and probability density estimation) and supervised (classification, regression) problems of learning from data. Basic models of machine learning are introduced and illustrated with applications devoted to socio-economic data analysis.

Masterclass (6 X 2-hour lectures): Spatial Interaction Modelling and Network Analysis – Prof. Morton O’Kelly – May 25th (Monday) and May 26th (Tuesday)

Description: This short methods course aims to provide some basic skills and modelling capability in spatial analysis, particularly with respect to deterministic and normative models. For example, beginning with how an accessibility index might be constructed, we progress to the actual notation for the formulae and the connection to the options for computing, mapping, and employing these measures. In other words we focus on technical tool-kit type skills. The aim is to de-mystify the notation, and open up the sometimes “black box” nature of measurement techniques. The 6 selected topics listed below will involve "how to" and explanatory small examples, that would help students develop capabilities. The lectures will be enlivened with other examples, readings, supplements etc from the students own experience.

May 25th – 3 X 2-hour lectures/seminars:

1. Spatial interaction basics (gravity model, SI model, formulation and ideas about estimation and prediction)
2. Spatial interaction for retail trade (types of data for service and retail trade area analysis)
3. Spatial interaction for commuting studies / journey to work (aggregate and disaggregate data for urban flows)

May 26th – 3 X 2-hour lectures/seminars:

4. Network analysis basics (connectivity, indices for macro description of networks)
5. Network analysis for location (picking median and centers from a set of network nodes to achieve objective)
6. Network analysis for optimal interaction (picking hubs from network nodes to achieve objective)

Indicative bibliography for the Masterclass

(Links and PDFs will be provided)

- Spatial Interaction

2009. M.E. O’Kelly. Methods: Spatial Interaction Models. Forthcoming, International Encyclopedia of Human Geography. Elsevier.

2004 M.E. O’Kelly. Isard's contributions to Spatial Interaction Modeling. Journal of Geographical Systems, 6(1), 43-54.

2003. M.E. O’Kelly and M.W. Horner. Aggregate Accessibility to Population at the County Level: U.S. 1940-2000. Journal of Geographical Systems, 5(1), 5-23.

2003. Mei-Po Kwan, Alan T. Murray, M.E. O’Kelly, Michael Tiefelsdorf. Recent advances in accessibility research: representation, methodology and applications Journal of Geographical Systems, 5(1), 129-138.

- Spatial Interaction and Retail

2008. M.E. O'Kelly. Applied retail location models using spatial interaction tools, in A.S. Fotheringham and P. Rogerson (editors). Forthcoming volume on Spatial Analysis.

2008. Guoxiang Ding and M.E. O'Kelly. Choice-Based Estimation of Alonso's Theory of Movement: Methods and Experiments. *Environment and Planning A*, 40(5), 1076-1089.

2001. M.E. O'Kelly. Retail market share and saturation. *Journal of Retailing and Consumer Services*, 8(1), 37-45.

1999. M.E. O'Kelly. Trade area models and choice based samples: methods. *Environment and Planning A*, 31(4), 613-627.

1989. M.E. O'Kelly and H. Miller. A synthesis of some market area delimitation models. *Growth and Change*, 20(3), 14-33.

- Hubs

2009. M.E. O'Kelly. Methods: Hub Network Location. Forthcoming, *International Encyclopedia of Human Geography*. Elsevier.

1999. D. Bryan and M.E. O'Kelly. Hub and spoke networks in air transportation: an analytical review. *Journal of Regional Science*, 39(2), 275-295.

1998. M.E. O'Kelly. A geographer's analysis of hub-and-spoke networks. *Journal of Transport Geography*, 6(3), 171-186.

1994. M.E. O'Kelly and H. Miller. The hub network design problem: a review and synthesis. *Journal of Transport Geography*, 2(1), 31-40.

- Covering

2008. A.T. Murray, M.E. O'Kelly R.L. Church, Regional Service Coverage Modeling. *Computers and Operations Research*, 35 (2), pp. 339-355.

2004. M.E. O'Kelly and A.T. Murray. A lattice covering model for evaluating existing service facilities. *Papers in Regional Science*, 83, 565-580.

2002. A.T. Murray and M.E. O'Kelly. Assessing representation error in point-based coverage modeling. *Journal of Geographical Systems*, 4, 171-191.

- Commuting

2008. M.E. O'Kelly and Michael Niedzielski. Efficient spatial interaction: attainable reductions in metropolitan average trip length. *Journal of Transport Geography*. doi:10.1016/j.jtrangeo.2007.11.003.

2007. M.W. Horner and M.E. O'Kelly. Is Non-work Travel Excessive? *Journal of Transport Geography*, 15 (6), 411-416.

2005. M.E. O'Kelly, Wook Lee. Disaggregate journey-to-work data: Implications for excess commuting and jobs-housing balance. *Environment and Planning A*, 37(12), 2233-2252.

2002. M.E. O'Kelly and B.A. Mikelbank. Social Change and Transportation in U.S. Edge Cities. In William R. Black and Peter Nijkamp (editors) *Social Change and Sustainable Transport*. Indiana University Press. Book Chapter.

Calendar (all sessions will be delivered at NUIM)

Session No	Date	Time	Session Leader	Theme
Session 1	11 May (Mon.)	All-day (9am-5pm with breaks)	Alexei Pozdnoukhov (NCG, NUIM)	Geostatistics
Session 2	12 May (Tues.)	All-day (9am-5pm with breaks)	Alexei Pozdnoukhov (NCG, NUIM)	Machine Learning (Data Mining) for Geospatial Data
Session 4	25 May (Mon.)	All-day (9am-5pm with breaks)	Morton O'Kelly (The Ohio State University)	Spatial Interaction (topics 1, 2 and 3)
Session 5	26 May (Tues.)	All-day (9am-5pm with breaks)	Morton O'Kelly, The Ohio State University	Network Analysis (topics 4, 5 and 6)

Assignment/Assessment

The students have the following options: 1) to present a technical report with a detailed case study of their choice using one of the models described in the course; 2) to submit a research paper that involves some methods described in the course (Hint: ECQTG'09 will be held at NCG on September 5th-7th, deadline for submission is 31st of May). The exact deadline for submitting the assignment will be announced at a later date but should be between the end of May and mid-June.