



Innovation and Public Policy - Module Outline -

Objective	<p>This module invites you to engage with current debates and contemporary issues in the multifaceted field of innovation and public policy. The module aims to give students the opportunity to:</p> <ul style="list-style-type: none"> • Gain insight into and actively participate in discussions on innovation and public policy from a range of different perspectives • Develop critical and conceptual thinking skills • Advance high-level academic communication skills 			
Facilitators	Name	Office	Ext	E-mail
	Dr. Amaya Vega	Room 338 Cairnes Building NUI Galway	5679	amaya.vega@nuigalway.ie
	Dr. Pat Collins	Room 339 Cairnes Building NUI Galway	3326	p.collins@nuigalway.ie
Times	2 ½ Days			
	Classes:	Day	Time	Venue
		3 rd May	11.00 – 7.30	SAC Room
		4 th May	10.00 – 5.00	SAC Room
		25 th May	9.30 – 13.30	On-line Sessions
Overall Learning Outcomes	<p>On successful completion of this module, you should be able to:</p> <ul style="list-style-type: none"> • Discuss innovation at different levels of analysis, particularly at a global, national, regional and industrial level. • Identify and discuss the main debates and issues surrounding innovation and public policy from a theoretical and an applied perspective. • Critique, analyse and conceptually develop research within the broad theme of innovation and public policy. 			
Format	<p>The module will be covered over 2½ days. Successful completion of the module requires you to attend and participate at all the sessions, prepare and deliver a presentation and submit a final assignment.</p> <p>Module format (Indicative structure, Speakers to be confirmed, Minimum 6 students)</p>			

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	Day 1	<p>11.00 – 11.30am: Dr. James Cunningham; Dr. Amaya Vega, NUI Galway (Welcome and Introduction)</p> <p>11.30 – 13.00: Dr James Cunningham, NUI Galway (National Innovation System:)</p> <p>13.00 – 2.00pm: <i>Lunch Break</i></p> <p>2.00 – 3.00pm: Dr. Patrick Collins, NUI Galway (Regional Innovation)</p> <p>3.00 – 3.30pm: <i>Coffee Break</i></p> <p>3.30 – 4.30pm: Review of Article of Choice with Facilitators</p> <p>6.00 – 7.30pm: Professor Charles Snow, Penn State University (Organising for Open Innovation)</p>
	Day 2	<p>10.00– 11.00am: Dr. Helena Lenihan, Kemmy Business School, University of Limerick (Innovation Policy Evaluation)</p> <p>11.00 – 11.30: <i>Coffee Break</i></p> <p>11.30 – 12.30pm: Roundtable Discussion with Doctoral Students on Innovation Policy Evaluation (with Dr. Helena Lenihan)</p> <p>12.30 – 1.30pm: <i>Lunch Break</i></p> <p>1.30 – 2.30pm: Professor Charles Snow, Penn State University (The Architecture of Collaboration)</p> <p>2.30 – 3.00pm: <i>Coffee Break</i></p> <p>3.00pm – 4.00pm: Dr. Majella Giblin, Trinity College Dublin (Entrepreneurship and Innovation)</p> <p>4.00 – 5.00pm: Dr. Ciara Fitzgerald, University College Dublin (Strategy Processes within Technology Transfer Offices)</p>
	Close of Module	
Programme	ISSP Doctoral students	
Course Material	<p>A module web will be available at http://blackboard.nuigalway.ie</p> <p>This facility will be used to download module materials and speaker presentations, and to participate and engage in the on-line discussion that will take place on the 25th of May, 2012.</p>	

Provisional Reading List

Innovation and Globalisation

Neil M. Coe, Peter Dicken and Martin Hess (2008) 'Global production networks: realizing the potential' *Journal of Economic Geography*, pp. 1–25

Ernst, D (2008) 'Innovation offshoring and outsourcing: what are the implications for industrial policy?' *International Journal of Technological Learning, Innovation and Development*, (1)3, pp. 309-329.

Innovation and Industrial Development

Malerba, F. (2005) 'Sectoral Systems: How and why innovation differs across sectors', in Fagerberg, J., Mowery, D.C.; Nelson, R.R. (eds.) *The Oxford Handbook of Innovation*, Oxford University Press, chapter 14, pp. 380-406.

Breznitz, D. and Zimmerman, C. (2008) 'The State as Strategic Manager?' *Challenge*, 51(4), 70-88.

Breznitz, D. (2005) Development, flexibility and R & D performance in the Taiwanese IT industry: capability creation and the effects of state-industry coevolution. *Industrial and Corporate Change*, 14, 153.

Breznitz, D. (2007) Industrial R&D as a national policy: Horizontal technology policies and industry-state co-evolution in the growth of the Israeli software industry. *Research Policy*, 36, 1465-1482.

Innovation Systems: the national and regional context

Sharif, N. (2006) 'Emergence and Development of the National Innovation Systems Concept', *Research Policy*, 35, 745-766.

Beesely, L.G.A. (2003) 'Science Policy in changing times: are governments poised to take full advantage of an institution in transition?', *Research Policy*, 1519 – 1531.

Asheim, B. and Gertler (2005) 'The Geography of Innovation: Regional Innovation Systems' *The Oxford Handbook of Innovation*, chapter 11.

Edquist, C. (2005) 'Systems of Innovation: Perspectives and Challenges', *The Oxford Handbook of Innovation*, chapter 7.

Gordon, I.R. and McCann, P. (2000) 'Industrial Clusters: Complexes, Agglomeration and /or Social Networks?', *Urban Studies*, 37(3), pp. 513-532.

Gordon, I.R. and McCann, P. (2005) 'Innovation, agglomeration, and regional development', *Journal of Economic Geography*, 5(5), pp. 523-543.

Lundvall, BA (1998) 'Why study National Systems and National Styles of Learning?', *Technology Analysis and Strategic Management*, 10 (4), 407-422.

Lundvall, BA (2007) 'National Innovation Systems: Analytical Concept and Development Tool', *Industry and Innovation*, 14(1), 95-119.

Rural Development and Innovation

Moseley, M. (2000) 'Innovation and Rural Development: Some Lessons from Britain and Western Europe', *Planning Practice & Research*, Vol. 15, Nos. 1/2, pp. 95–115, 2000

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	<p>Blank, S. (2001) 'Producers Get Squeezed up the Farming Food Chain: A Theory of Crop Portfolio Composition and Land Use', Review of Agricultural Economics, Vol. 23, No. 2 (Autumn - Winter, 2001), pp. 404- 422.</p> <p>Heanue, K. (2007) Innovation and Rural Development. Rural Economy Research Centre Teagasc Mellows Campus Athenry Co. Galway.</p> <p>Jacobson D., Heanue K., 2005, Policy conclusions and recommendations. In: Bender G., Jacobson D., Robertson P. (eds.), Non-Research-Intensive Industries in the Knowledge Economy. Special Issue of "Perspectives on Economic, Political and Social Integration", Catholic University, Lublin/PL</p> <p>Innovation and Public Policy/The State Borras, S. and B.A. Lundvall (2005), 'Science, Technology and Innovation Policy', The Oxford Handbook of Innovation, chapter 22.</p> <p>Breznitz, D. (2007) Innovation and the state: Political choice and strategies for growth in Israel, Taiwan, and Ireland, Yale University Press.</p> <p>Breznitz, D., Zehavi, A., The limits of capital: Transcending the public financier–private producer split in industrial. R&D. Res. Policy (2010), doi:10.1016/j.respol.2009.12.010</p>
Assessment	<p>1. In-Class Presentation and on-line participation 60%</p> <ul style="list-style-type: none"> - Prepare and deliver a presentation based on an assigned article/document. You must show an understanding of the article, identify or devise public policy implications that are relevant and appropriate and show that these are innovative implications or that they influence innovation - Preparation and Presentations: Day 1 (Thursday) with facilitators at Workshop <p>2. Individual assignment: 40%</p> <ul style="list-style-type: none"> - Innovation and Public Policy Article Review: A Critical Analysis and Alternative Perspective - Description: You must produce an essay that: <ul style="list-style-type: none"> a. Synthesises an article or book chapter of your choice within the broad theme of innovation and public policy b. Critically analyses the article or book chapter c. Takes the topic of the article or book chapter and applies an alternative approach or perspective (e.g. theoretical, methodological, applied) to the topic You will submit an abstract as a first stage and agree the article or book chapter to be reviewed with the module facilitators. - Length: Abstract – 200 words, Assignment - 3000 words, typed - Submission dates: <ul style="list-style-type: none"> Abstract: 24th May 2012 Assignment: 24th June 2012
Workload	<p>Credit weighting: 5 ECTS</p>