

## **Oner Tulum**

Research Associate

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## **Educational Background**

B.S., Economics, Faculty of Economics & Administrative Sciences, Anadolu University;

M.A., Regional Economics & Social Development, University of Massachusetts, Lowell

## **Scholarly Interests**

Research interests include exploring the impact of economic policies and financial institutions on nations' and regions' economic development and security; examining national and regional systems of innovation and measuring entrepreneurial capabilities; analyzing the impact of economic and agricultural policies on productivity and technology in agriculture; researching various urban and regional economic and social development issues.

## **Bio Sketch**

Oner Tulum is a research associate at the Centre for Industrial Competitiveness (CIC). He is also working as a postdoctoral research fellow at the Centre for Innovation and Structural Change (CISC) of National University Ireland Galway (NUIG). Oner is a former graduate of Regional Economic and Social Development department (RESD) where he received his Master of Arts degree. During his studies at RESD he worked as a research assistant and economic researcher at the University of Massachusetts-Lowell. Upon his graduation, Oner Tulum was selected as a Marie Curie Postdoctoral Research Fellow for scientific research funded through the European Commission 7<sup>th</sup> framework under the Marie Curie Action Fellowship Programme for Transfer of Knowledge (TOK) hosted by CISC at NUIG. The research project, *Lucerna*, aimed to identify developing high technology clusters as well as study the evolutionary process of those clusters in the Republic of Ireland. Before that Oner worked as a market analyst in a leading security and investment firm in Turkey with the completion of his Bachelor of Science in economics at Anadolu University in Turkey. During his college years, Oner Tulum completed finance internships in the headquarters of the following firms: the leading investment firm, Iktisat Investment & Security; Kibar Holding one of the largest holding companies; and at the Turkish office of global home appliances giant, AB Electrolux. Oner Tulum is interested in studying industrial development and regional competitiveness of high technology sectors in particular, the Life Sciences and ICT sector groups. He aims to analyze the sectors by building primary or secondary datasets that may or may not be available publicly that would allow him to identify sub segments of those unique and complex sectors, and study their relationships within peer groups and regions. His research also intends to explore the economic policies that have significant impact on regions' industrial competitiveness as well as exploring the impacts of those policies on nations' economic securities, development strategies and innovation systems. In addition, he is interested in studying the economic effects of technological and innovative

farming practices and policies geared toward productivity improvement in the agriculture industry.

### **Current and recent research activities and projects:**

**US biopharmaceutical Finance and the Sustainability of the Biotech Boom:** "The impacts of government policies on the sustainability of Biotech Industry in the US". CIC, UMASS Lowell, USA.

**Capabilities Transformation and Industrial Renewal:** An Indicator of Innovation and Regional Competitiveness. CISC, NUIG, Galway, Ireland.

**Lucerna:** "New Light on Innovation Data for Enhancing Regional Competitive Advantage", National University of Ireland, Galway, Ireland

**Examining Massachusetts Biotechnology Export:** "A closer look at the Massachusetts Biopharmaceutical Products Export to EU", CIC, UMASS Lowell, Lowell, Massachusetts, USA.

**Five Chemical Study:** "Economic Assessment of Alternative Usage of Five Chemicals in Massachusetts", University of Massachusetts-Lowell, Toxic Use Reduction Institute (TURI), Lowell, Massachusetts, USA.

**Economic Value of Surface Water:** "Economic Value of New Hampshire Surface Waters Study", New Hampshire Lakes Association, New Hampshire, USA. (Surveyor)

### **Publications, conference presentations etc:**

Ryan, P., and Tulum, O. (2009). "Industrial Restructuring, Indigenous Growth and Regional Entrepreneurial Capabilities: A Study of Irish Medical Device Industry Entrepreneurs", Bridging The Gap: Entrepreneurship In Theory And Practice, EDGE 2009 Conference, Singapore Management University, July 2009

Tulum, O. and Das, S. (2009) "Duality in the Present Regional Production Model: The Policy Led Past and Competitive Future of Irish Medical Device Industry". Understanding and Shaping Regions: Spatial, Social and Economic Futures, Regional Studies Association, University of Economic, Prague, Czech Republic, May 2008

Das, S. and Tulum, O. (2009). "Irish Medical Device and Diagnostics Industry and Its Competitive Position", Association of American Geographers Annual Conference, Las Vegas, Nevada, March 2009.

Tulum, O. (2008). "Productivity and Profitability of Turkish Hazelnut Production" Hazelnut 2008: VII. International Congress on Hazelnut, Università della Tuscia, Viterbo, Italy, June 2008

Spaulding, A., Tulum, O., Saghaian, S., and Ozertan, G. (2008). "Impact of a New Price Support Policy on Turkish Hazelnut Industry" Hazelnut 2008: VII. International Congress on Hazelnut, Università della Tuscia, Viterbo, Italy, June 2008

Lazonick, W and Tulum, O. (2008). "The US Biopharmaceutical Finance and the Sustainability of the Biotech Boom" DRUID 25. Year Celebration, Copenhagen, June 2008

Das, S. and Tulum, O. (2008). "Future of Path-Dependent (ICT) Clusters in Ireland" Regions: The Dilemmas of Integration and Competition, Regional Studies Association, University of Economic, Prague, Czech Republic, May 2008

Spaulding, A., Tulum, O., Saghaian, S., Ozertan, G., "Impact of a New Price Support Policy on Turkish Hazelnut Industry", 2007 American Agricultural Economics Association, Western Agricultural Economics Association, and Canadian Agricultural Economics Society Joint Annual Meeting, Portland, Oregon. 29th July - 1st August 2007,

Lazonick, W. March, E. and Tulum, O. (2007). "Boston's Biotech Boom: A 'New Massachusetts Miracle?'" Federal Reserve Bank of Boston, 2007

<http://www.nuigalway.ie/cisc/people/otulum.html>