

January, 2014

CURRICULUM VITAE

ZOUHOUR KARRAY

Date of birth February 23, 1973 (at Sfax, Tunisia)

Citizenship Tunisian

Marital Status Married, 2 Child

Business Address Ecole Supérieure des Sciences Economiques et Commerciales de Tunis
4, rue Abou Zakaria El Hafsi, Montfleury, 1089, Tunis, Tunisie
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Degree Ph.D. in Economics with Honors, University of Toulouse I, 2001
(actually Toulouse School of Economics)
Dissertation: *Technological Cooperative Agreement of Firms and Capabilities to Innovate: Choice Modeling Applied to French Industry.*

Current Positions *Professor in Economics (since December 2012)*
Department of Economics
Higher School of Economics and Commercial Sciences of Tunis
University of Tunis
Researcher: Unit of Applied Quantitative Analysis (UAQUAP), High
Institute of Management (ISG), Tunis
ERF Research Associate

Fields of Interest Industrial Economic and Organization, R&D and Innovation Theory,
International Economic, Spatial Economic, Spatial disparities and
inequalities, Development and Economic Growth
Methods: Logit/Probit models, Multivariate Data Analysis, Canonical
Analysis, estimation with GLS, Correspondence/Factorial Analysis

EDUCATION

May 2007	Academic qualifying for supervising researches (" <i>Habilitation</i> "), University of Sfax, Tunisia
July 2001	Ph.D. in Economics, University of Toulouse I, 2001 Dissertation: <i>Technological Cooperative Agreement of Firms and Capabilities to Innovate: Choice Modeling Applied to French Industry</i> . Fellowship: Scholarship of Excellence for Master and Ph.D. from Ministry of high education and scientific research (Tunisia), 1995-1999 Honors: very Honorable with Felicitations of committee Advisor: François MORIN Committee: François Morin (advisor), Claude Dupuy (Chairman), Jaques Mairesse, Patrick Llerena, Edouard Lorenz
October 1996	Master in Industrial Economics and Employment, with Honors University of Toulouse I, 1996 Dissertation: <i>Organization of competition between firms: Alliances in informatics materials industry</i> .
June 1995	Bachelor in Economics (with Presidential award for the highest marks in economics) University of Economics and Management of Sfax, Tunisia
July 1991	Baccalaureate in Mathematics

PAST POSITIONS AND WORKING EXPERIENCES

Since 2010	Head of Master of Quantitative Economics of Industry and Networks, FSEG, Nabeul, University of Carthage
2007-2012	Associate Professor, FSEG, Nabeul, University of Carthage
Dec 2012-Jan 2013	Visitor Professor, Polytechnic School of Tunis, University of Carthage
April-June 2012	Visitor Professor, Polytechnic School of Tunis, University of Carthage
Nov-dec 2011	Visitor Professor, ESSEC, University of Tunis
April-June 2011	Visitor Professor, Polytechnic School of Tunis, University of Carthage
2002-2006	Assistant Professor, University of Nabeul
2002-2004	Member of Scientific Committee, University of Nabeul
2000-2002	Temporary Teaching Assistant, University of Toulouse II
1997-2000	Teaching Assistant, University of Toulouse I
1999-2000	Trainer, CNAM Auch, France
1997-1999	Seminars for students of Master: "Industrial Economic and Employment", University of Toulouse I

TEACHING INTERESTS AND EXPERIENCES

Main fields of teaching in Tunisia and Toulouse since 1997 are:

In License:

- Microeconomics (levels 1, 2 and 3)
- Macroeconomics (levels 1 and 2)
- Industrial organization of firms
- Firms strategic policy
- Methodological seminar
- Statistics and probabilities calculation (levels 1 and 2)
- Geographical Economy

In Master:

- Advanced Microeconomic
- Public Economic
- Spatial Economic
- Economic of innovation and R&D
- Internationalization strategy and policies
- Localization choice and regional dynamics

PAPERS AND BOOK CHAPTERS

KARRAY Zouhour, KRIAA Mohamed and DRISS Slim (2011), "Inequality and Spatial Disparities in Tunisia", *Journal of Business Inquiry*, 10, 1, pp. 161-175.

KARRAY Zouhour and KRIAA Mohamed (2010), "Innovation and R&D Investment of Tunisian Firms: A two-Regime Model with Selectivity Correction", *Journal of Business Inquiry*, 9, 1, pp. 1-21.

KARRAY Zouhour (2009), "La localisation des entreprises étrangères en Tunisie. Attractivité-pays versus attractivité territoriale", in M. Mezouaghi (ed.), *Localisation industrielle au Maghreb : attractivité, agglomération et territoires*, Karthala éditions, pp. 87-108.

KARRAY Zouhour and DRISS Slim (2009), "Structure industrielle, économies d'agglomération, ouverture et croissance régionale en Tunisie", *Région et Développement*, n°29, pp. 141-157.

KARRAY Zouhour and Toumi Sofiane (2007), "Investissement direct étranger et attractivité : appréciation et enjeux pour la Tunisie", *Revue d'Economie Régionale et Urbaine*, n°4, pp. 479-502.

KARRAY Zouhour and DRISS Slim (2006), "Investissement direct étranger et concentration industrielle : cas de la Tunisie", *revue Alfa*, numéro spécial, IRMC – Tunis.

KARRAY Zouhour (2003), "Compétences pour innover et coopérations technologiques – une analyse multivariée de l'industrie française", *Revue d'Economie Industrielle*, n°102, 1^{er} trimestre, pp. 29-54.

KARRAY Zouhour (2002), "Les déterminants de la coopération technologique des firmes. Une approche par les compétences appliquée à l'industrie française", *Economie Appliquée*, Tome LV, n°4, pp.121-158.

WORKING PAPERS

GHALI Sofiane, ZITOUNA Habib, KARRAY Zouhour and DRISS Slim (2013) "*Trade, Transaction Costs and TFP: Evidence from Tunisia and Egypt*", ERF Working Paper, No 807.

GHALI Sofiane and KARRAY Zouhour (2013) "*Trade and R&D Externalities: Impact on the Cost of Production of the Tunisian Manufacturing Sector*", ERF Working Paper, No 801.

GHALI Sofiane, ZITOUNA Habib, KARRAY Zouhour and DRISS Slim (2013) "*Effects of NTMs on the Extensive and Intensive Margins to Trade: The Case of Tunisia and Egypt*", ERF Working Paper, No 820.

KARRAY Zouhour and KRIAA Mohamed (2009), "*Innovation and R&D Investment of Tunisian Firms: a two Regimes Models with Selectivity Correction*", ERF Working Paper, No 484.

KARRAY Zouhour and DRISS Slim (2008), "*Regional growth in Tunisia: Economic Geography Forces and Industrial Structure*", ERF Working Paper, No 419.

KARRAY Zouhour (2000), "Organisation et création de nouvelles technologies : les profils des firmes françaises", *Cahiers de recherche du LEREPS*, n°1.

CONFERENCES

- 6-7 Dec 2013 28th Days of Enterprises, El Mouradi, Sousse, Tunisia.
Title of paper: *The Financing of the Early-Stage of Innovation: Evidences and Perspectives.*
- 13-15 June 2012 4th Days of Development of GREThA/GRES, University Pey Berland, Bordeaux, France.
Title of paper: *Inequality and Spatial Disparities in Tunisia* (Co-authors : Mohamed Kriaa and Slim Driss)
- 7-9 May 2012 The Fourth Euro-African Conference in Finance and Economics, American University in Cairo, Egypte.
Title of paper: *Inequality and Spatial Disparities in Tunisia* (Co-authors : Mohamed Kriaa and Slim Driss)
- 20-22 march 2011 17th Annual Conference of the ERF: Politics and economic development, Antalya, Turkey.
Title of paper: *Multidimensional Inequality and Spatial Disparities in Tunisia* (Co-authors: Mohamed Kriaa and Slim Driss)
- 12-13 Dec. 2010 International conference of the GDRI – DREEM : Innovation et développement dans les pays méditerranéens, Caire, Egypte
Title of paper: *Innovation and R&D investment of Tunisian Firms: A two Regimes Models with Selectivity Correction* (co-author: Mohamed Kriaa)
- 21-23 may 2009 International conference of the GDRI – DREEM: inégalités et développement dans les pays méditerranéens, University Galatasaray, Istanbul, Turkey

- Title of paper: "*Ouverture économique et disparités spatiales en Tunisie*"
(Co-authors: Mohamed Kriaa and Slim Driss)
- Title of paper: "*Trade and R&D externalities: Impact on the Cost of Production of Tunisian Manufacturing Sector*" (Co-author: Sofiane Ghali)
- 23-25 Nov. 2008 15th Annual Conference of the ERF: Equity and Economic Development, Cairo, Egypt.
- Title of paper: "*Trade and R&D Externalities: Impact on the Cost of Production of Tunisian Manufacturing Sector*" (Co-author: Sofiane Ghali)
- Title of paper: "*Innovation and R&D Investment of Tunisian Firms: a two Regimes Models with Selectivity Correction*" (co-author: Mohamed Kriaa)
- 25-27 August 2008 XLV^o colloque of ASRDLF, *Territoire et actions publiques territoriales : nouvelles ressources pour le développement régional*, Rimouski, Québec (Canada)
- Title of paper: "*La localisation des entreprises étrangères en Tunisie : attractivité-pays versus attractivité territoriale*"
- Title of paper: "*Structures industrielles, forces géographiques et croissance régionale en Tunisie*" (Co-author: Slim DRISS)
- 28-30 Dec. 2007 14th Annual Conference of the ERF: Institutions and Economic Development, Cairo, Egypt.
- Title of paper: "*Regional growth in Tunisia: Economic Geography Forces and Industrial Structure*" (Co-author: Slim DRISS)
- 4-6 September 2006 XLII^o colloque of ASRDLF – XII^o colloque du GRERBAM, Sfax, Tunisie.
- Title of paper: "*Investissement direct étranger et attractivité : appréciation et enjeux pour la Tunisie*".
- 26-27 June 2005 22^{ème} Journées de Micro Economie Appliquée, Hammamet, Tunisie.
- Title of paper: "*Les déterminants de la coopération technologique sous différents régimes technologiques : cas de l'industrie française*".
- 8-11 Nov. 2001 EAEPE Conference, *Comparing Economic Institutions*, Siena, Italy
- Title of paper: "*Determinants of Technological Cooperation of the Firms. A Competence-based Approach Applied to French Industry*".
- 1-3 Sept. 1999 Colloque ASRDLF, *Innovation et Economie Régionale*, Hyères, Université de Toulon.
- Title of paper: "*Organisation et création de nouvelles technologies : les profils des firmes françaises*".
- 3-4 May 1999 Colloque *La coopération Industrielle : Diversité et Synthèse*, ADIS-Faculté Jean Monnet à Sceaux, France (Université Paris Sud).
- Title of paper: "*La coopération inter-firmes comme forme d'organisation de la R&D et de l'innovation technologique : une analyse sectorielle*".

WORKSHOPS

- 27-28 Sept 2013 Workshop and Policy Seminar on “Political Economy of Transformation in the ERF region”, Economic Research Forum, Tunis, Tunisia.
- 30 September 2012 Structural Transformation and Industrial Policy in Selected MENA Countries, Economic Research Forum, Istanbul, Turkey.
- 23 January 2011 Non Tariff Barriers to Trade in the Arab World, ERF – World Bank, Cairo, Egypt.
- 20-23 June 2010 Training Workshop on Measurement of Inequality of Opportunity and Inequality of Outcomes, Economic Research Forum, Cairo, Egypt.
- 6-7 June 2008 Dynamics of productive activities agglomeration and territorial governance, FSP Project – Final workshop, Hotel Sidi Bou Saïd, Tunis, Tunisia
- 28-29 march 2008 Dynamics of productive activities agglomeration and territorial governance, FSP Project – second workshop, Hotel Ryadh Pacha, Fes, Morocco.
- 9-10 Dec 2006 Dynamics of productive activities agglomeration and territorial governance, FSP Project – first workshop, Hotel Mazafran, Zéralda (Alger).

FORUMS

- 23-24 Nov 2012 First ESCWA Arab Economics Forum, UN House, Beirut.

COMMISSIONED STUDIES

- Oct-Nov 2013 **Arab Institute of Business Leaders (IACE, Institut Arabe des Chefs d’Entreprises)**
Output: Report Study on “*The Financing of the Early-Stage of Innovation: Evidence and Perspectives*”
- Sep-Oct 2013 **United Nations, Economic Commission for Africa**
Output: Industrial Policy Institutions and Mechanisms in Africa, country case study (Tunisia). Contribution to the Economic Report on Africa, 2014.
- Jan-June 2013 **African Development Bank, Department North Africa**
Output: Research paper on « *Politique industrielle au service d’un développement territorial équilibré en Tunisie* ».
- 2011 – 2013 **Economic Research Forum, Cairo, Egypt**
Member of Contract Agreement for a Research Project with the Economic Research Forum, “*Free Trade Agreement, Non-Tariffs Barriers, R&D Spillovers and T.F.P: Impact on Trade and Competitiveness of the Tunisian*

and Egyptian Manufacturing Sectors.” Team members: Dr. Sofiane Ghali, Dr. Slim Driss and Dr. Habib Zitouna.

Output: 3 Research papers

1. Trade and R&D externalities: Impact on the cost of production of the Tunisian and Egyptian manufacturing sectors
2. Trade, transaction costs and TFP: Evidence from Tunisia and Egypt
3. Effects of NTBs on the extensive and intensive margins to trade: the case of Tunisia and Egypt

May-nov 2011

EIM Business & Policy Research (Netherlands) and Oxford Research (Denmark) – piloted by the EU Commission

The 2012 Survey on Sustainable Enterprise Development in Mediterranean partner countries

Output: Survey for Tunisia

2009 – 2011

Ministry of Higher Education, Scientific Research and Technology, Tunisia

Member of « Programme de Recherche Fédéré » : *Stratégies des entreprises et innovations technologiques et commerciales*», Centre d’Etudes et de Recherches Economiques et Sociales.

2006 – 2008

French Ministry of Foreign Affairs, Paris

In charge of Coordination of research team (ISG – Tunis et FSEG– Nabeul) for FSP research program "*Dynamique d'agglomération des activités productives et gouvernance territoriale*" managed by l'Institut de Recherche sur le Maghreb Contemporain (IRMC, Tunis).

Output:

1. 3 published papers
2. 3 Workshops
3. One database issue from a survey conducted in Tunisia

2005 – 2007

CMCU Program

Member of CMCU research program "*Innovation et développement local : rôle des accords de coopération franco-tunisienne*", between l'Institut Supérieur de Gestion de Tunis (UAQUAP), l'université Montesquieu Bordeaux IV (IFReDE) and l'université Toulouse I (LEREPS).

LANGUAGES AND SOFTWARE

- Arabic (mother tongue)
- English and French
- SPSS 17, STATA 8
- Microsoft office: PowerPoint, Excel, Word, Access
- Internet