

CURRICULUM VITAE

Benjamín López Ortiz

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A. Personal Details

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Date of Birth: May 6th, 1976

Citizenship: Mexican

Marital status: Single

B. Current Posts

- Lecturer of Economics and Mathematics, Faculty of Economics, Universidad Nacional Autónoma de México, UNAM (August 2010 -)
- Research Manager, Consultancy Eco-Analysis (January 2010 -)

C. Past Posts

(Academic)

- **Lecturer of Economics**, Faculty of Economics & Business, Universidad Anáhuac Norte (2011 - 2013)
- **Researcher**, IDEARSE Center for Corporate Social Responsibility and Sustainability, Universidad Anáhuac Norte. (2012 - 2013)
- **Young researcher in professional training**. *Dept. Applied Economics, Universitat Autònoma de Barcelona, UAB.* (Barcelona, 2006 – 2010)
- **Research Assistant** of Blanca Heredia, Ph.D. Academic Dean and Professor-Research. *Center for the Economics Research and Teaching, CIDE.* (Mexico, D.F., 2003)
Advisor in today's topics for the television program Primer Plano and activities of the academic dean and research projects for Inter-American Development Bank, IADB and Hewlett Foundation.
- **Research Assistant** of Susan Parker, Ph.D. and MCs. John Scott, Professors-Researchers, *Center for the Economics Research and Teaching, CIDE.* (Mexico, D.F., 2001)
Creation of data base and statistical analysis of the project: "Evaluación de los indicadores de Seguimiento y Gestión del Programa de Educación, Salud y Alimentación, PROGRESA"
- **Research Assistant** of MSc. John Scott. Professor-Researcher. *Center for the Economics Research and Teaching, CIDE.* (Mexico, D.F., 2001)
Assistant in working papers and presentations in fiscal and social policy topics.
- **Research Assistant** of Martín Valdivia, Ph.D. Principal Researcher of the *Department of Health Economics. Center for the Economics Research and Teaching, CIDE.* (Mexico, D.F., 2000)
Assistant in research projects, working papers and presentations

(Non-academic)

- **Planning Manager**, Faculty of Law, National Autonomous University of Mexico, UNAM, Mexico. January 2014 – June 2014
- **Evaluation Manager**, Mexican Postal Service, SEPOMEX. Mexico, July 2012 - July 2013.
- **Professional Assistant and practices**. Assistant for MA. Francès Solbes Pons. Director of the Department of International Control business of **Gas Natural Spain**. Barcelona, 2004.
Achievements: **Evaluation of the information system implementation (SAP-SEM)**
- **Project Technician**. Analysis of the evaluation and political implementations of education statistics of the Program Oportunidades in the *Consejo Nacional de Fomento Educativo*, CONAFE (*National Advisor of the Educational Foment*). Mexico, D.F., 2003.
Achievements: **Creation of the analysis information system**
- **Analyst**. Creation of a data base to evaluate a risk analyst model of credit risk of micro enterprises of financial institutions (no banking). In **Aplicaciones de Inteligencia Artificial AIS-** España y Nacional Financiera, NAFIN. México D.F., 1999-2000.
- **Trainer, Coordinator and Supervisor**. Several national fieldwork projects for Grupo de Asesores Unidos S.C. (GAUS S.C.), like coordinator, supervisor, trainer, logistic, analyst and encoder (coding data). **Electoral District Supervisor** in the exit poll for the Instituto Electoral del Distrito Federal (IEDF) on July, 2nd, 2000. Mexico D.F., 1999-2000.

D. Education

- Doctorate/Ph.D. degree: *Environmental Science and Technology* (thesis pending). Universitat Autònoma de Barcelona. (Barcelona, 2008 -)
- Master in Environmental Studies: *Ecological Economics and Environmental Management*
Universitat Autònoma de Barcelona. (Barcelona, 2007 – 2008)
- Doctorate/Ph.D. degree: *Applied Economics* (thesis pending)
Universitat Autònoma de Barcelona. (Barcelona, 2005 -)
- Master degree in *Regulatory Economics of Public Services of Network*
Specialization in Energy Sector
Universitat de Barcelona. (Barcelona, 2004)
- Bachelor of Arts: *Economics*
Faculty of Economics, Universidad Nacional Autónoma de México, UNAM.
(Mexico, D.F., 1995 – 2002)

E. Other Education

- (2014) University of Oxford
Ecological Economics

- (2011-) Universidad Anahuac Norte
Master in teaching training and abilities for university teaching
- (2009) Norwegian School of Economics
Economics of cooperation: The case of climate change
10 ECTS points

F. Research interests

- General applied economics
- Environmental and resource economics
- Energy and climate change economics
- Environmental science and ecological economics
- Valuation methods and choice modelling
- Regulatory economics, industrial organization and game theory

G. Editorial Services

- Invited editor for Science and Technology Magazine of CONACYT

H. Publications

- (2011). "Analysis of energy requirements with the input-output methodology for the Mexican case 1971-2007". *Economía Informa*, noviembre-diciembre, 2011/Num. 371.
- (2002). "Impacto de los costos económicos y ambientales en el sector eléctrico mexicano. Un modelo de simulación para la energía eólica y solar fotovoltaica". Memorias de la II Reunión estudiantil de la Asociación Mexicana para la Economía Energética: "La energía en México en el nuevo milenio". AMEE, UAM, IMP y UNAM.

Work in review

- "Aproximación a la curva de Laffer para el impuesto sobre la renta en México"
- "An econometric assessment of environmental regulation of energy sector in North America"
- "Valuing the Cost of Adaptation to Climate Change for Developing Countries: current efforts and future challenges for Mexico in that scenario"

Work in progress

- "Universal Service in the Mexican Postal Service"
- "CO₂ Emissions and energy consumption in Mexico for 1990-2011"

I. Research Projects

- (February, 2012 - 2013) "Corporate responsibility and sustainability: towards international cooperation and economic valuation of environmental impacts". *Centro para la Responsabilidad y Sustentabilidad de la Empresa, IDEARSE/Universidad Anáhuac.*

J. Teaching experience

- Lecturer of Globalization, Economic, Social and Politic Environment, Family Business & Business; at undergraduate level at Faculty of Economics & Business, Universidad Anahuac Norte.
- Lecturer of several courses: Quantitative Methods, Game Theory, Econometrics Linear Programming, Risk And Investment Portfolio Analysis, Microeconomics, Macroeconomics, Fiscal Policy, and Welfare Theory; at undergraduate levels at the Faculty of Economics, UNAM.
- Professor of several courses like: World Economy II, World Economy & Applied Economics Instruments, Economic Policy & Public Sector, Spanish Economy, and Techniques of Valuation for Environmental Impacts II; at undergraduate level at Applied Economics Departament, Universitat Autònoma de Barcelona, UAB. (Barcelona, 2007 – 2009)
- Professor of Microeconomics II at undergraduate level at Center for the Economics Research and Teaching, CIDE. (Mexico, D.F., 2005)

K. Supervision and evaluation of thesis

Current supervision

1. N. Mercado – Impuestos Ambientales en México: Un análisis para su implementación.
2. I. Cortes – Las emisoras de la BMV del sector industrial y el crecimiento económico en México.
3. E. Alvarado – Análisis del agua desde la economía ecológica

Evaluation in Professional Exam

- (April, 2014) “Análisis económico y normativo del impuesto sobre la renta en México”, Carlos E. Medrano Barriga.
- (February, 2014) “Un portafolio de inversión de mayor rendimiento para una SIEFORE utilizando el método de valor en riesgo (VaR)”, Roberto Valdés Huerta
- (November, 2013) Sistema de evaluación del desempeño para el personal administrativo en el Instituto Electoral del Distrito Federal: Análisis comparativo y alcances”, Miguel A. Hernández Aldana

Evaluation

- 7 thesis evaluated

L. Seminars, Courses & Conferences

1. (September) Preparatoria José Guadalupe Posada, Mexico D.F.
Conference: Renewable energy as Alternative for Climate Change
2. (August, 2014) **13th Biennial Conference of the International Society for Ecological Economics** in Reykjavik, Iceland.
Conference: Is environmental regulation on energy sector diminishing emissions in NAFTA?
3. (February, 2014) Dirección General de Planeación, UNAM
Course attended: Planeación Institucional 2014
4. (December, 2013) Science and Arts University of Chiapas, UNICACH
Course attended: Tropical ecology sampling field techniques

5. (October, 2013) **Third National Congress of Climate Change Research 2013** in Mexico City
Conference: “Social Responsibility and Corporate Sustainability”
6. (June, 2012) **12th Biennial Conference of the International Society for Ecological Economics** in Rio de Janeiro, Brazil.
Conference: An econometric assessment of environmental regulation of energy sector in North America.
7. (April, 2012) Banamex National Prize 2012
Member of the evaluation committee
8. (March, 2012) Engineering Institute, UNAM.
Course attended: Workshop of CO2 Capture (March 28-30, 2012)
9. (March, 2012) Engineering Institute, UNAM.
Course attended: Workshop of CO2 Geological Storage and Enhanced Oil Recovery (EOR) (March 21-23, 2012)
10. (December, 2011) Instituto Tecnológico de Sonora at Ciudad Obregón, Sonora.
Course given: Industrial Organization (8 Hrs)
11. (November, 2011) Faculty of Economics, UNAM.
Commentator of Master Conference: “La Nueva Escalada Matemática. El impacto reciente de la teoría de sistemas dinámicos en la economía”
12. (November, 2011) Universidad Autónoma del Estado de México, Centro Universitario Texcoco.
Conference: Mexico and Emergent Economies.
13. (October, 2011) **National Congress of Climate Change Research 2011** in Mexico City.
Conference: “Exportation of solar thin film electricity in North of Mexico. A Clean Development Mechanism approach”
14. (September, 2011) Faculty of Economics, UNAM.
Permanent Seminar of Economic Theory
Commentator: “United States. Debt and Economic Growth”
15. (August, 2011) Citizens Forum for Economic, Social and Urban Development of Distrito Federal.
Conference: Transport and Mobility
16. (November, 2010) **1st Meeting of Mesoamerican Society of Ecological Economics** in Mexico City.
Conference: “Exportation of solar thin film electricity in North of Mexico. A CDM approach”. Universidad Autónoma Metropolitana, UAM.
17. (September, 2010) Dirección General de Divulgación de la Ciencia, UNAM in Mexico City
Conference: “Environmental Economics” for the course *Science & environmental awareness*.
18. (May, 2010) International Relations - FCPYS - UNAM in Mexico City.
Conference: “Environmental Economics, Ecological Economics and Climate Change Economics. Some Concepts”
19. (June, 2009) Bergen Summer Research School – Universitetet i Bergen, Norway.
20. *Climate, Environment and Energy*
21. (June, 2009) **IV Meeting of the Spanish Network of Ecological Economics** in Santiago de Compostela, Spain.
Presentation: "Does Environmental Regulation Reduce CO2? An Empirical Test for Mexican Case"

22. (October, 2002) **II Reunión Estudiantil de la Asociación Mexicana para la Economía Energética: "La energía en México en el nuevo milenio"** in México City.

Presentation: "Impacto de los costos económico y ambiental en el sector eléctrico mexicano. Un modelo de simulación para la energía eólica y solar fotovoltaica".

Universidad Autónoma Metropolitana, 3 de Octubre del 2002

M. Awards, Prizes, Fellowships, Memberships

- (2010 -) Member of the **International Society for Ecological Economics**, ISEE.
- (2010 -) Member of the **Mesoamerican Society for Ecological Economics**, SMEE.
- (2009 -) Member of the **Spanish Network of Ecological Economics**, EEE.
- (2008 -) Member of the **Grup de Recerca d'Economia i Polítiques Públiques**, XREPP.
- (2006 - 2010) Fellowship of **Generalitat de Catalunya** for *New Researchers Program*.
- (2005 - 2009) Scholarship of **Consejo Nacional de Ciencia y Tecnología**, CONACYT.
- (2004) Scholarship of **Fundación Carolina**. Member of Ex-Becarios Fundación Carolina.
- (2002 & 2003) Scholarship of **Consorci Hospitalari de Catalunya (CHC)** for studies in Universitat Pompeu Fabra. (not used)
- (2002 -) Member of **Asociación Mexicana para la Economía Energética**, AMEE.

N. Other Information

- Language Skills
Spanish – native speaker
English – fluent (590 TOEFL)
Catalan – good
- Computer Skills: Software: Word 100%; Excel 100%; Power Point 100% and math software: Econometric Views 100%, SPSS 80%, Stata 80%, Limdep 90%

O. References

Dr. Montserrat Sarrà

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Institut de Ciència y Tecnologia
Ambientals, ICTA
Edifici C. Campus de Bellaterra
08193 Bellaterra (Cerdanyola del Vallès)

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Dr. Víctor Carreón

Professor-Researcher
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Carretera México-Toluca 3655
Col. Lomas de Santa Fe
01210 México, D.F.

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