

Claudia Doménica Aravena Novielli
CURRICULUM VITAE

June 2010

PERSONAL DATA

SURNAMES: Aravena Novielli
NAMES: Claudia Doménica
Place of Birth: Caracas – Venezuela.
Year of Birth: 1978.
Citizenship: Italian/ Venezuelan / Chilean.
Address: School of Biological Sciences.
Queens University Belfast.
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EDUCATION / PRINCIPAL STUDIES

University Studies:

- 2010 PhD. Student in Environmental and Natural Resource Economics
Queens University Belfast. Environmental Economics Group.
Gibson Institute for Land, Food and the Environment. UK.
Expected date for thesis submission: September 2010.
PhD. Thesis: “Using stated preference methodologies to value externalities of different energy sources”. Supervisor: Prof. George Hutchinson and Dr. Alberto Longo.
- 2009 Certificate in Sustainable Development (PhD Level)
University College of Dublin (UCD). Urban Institute. Ireland.
- 2007 Master in Environmental and Natural Resources Economics
Universidad de Concepción. Concepción – Chile
Master Thesis: “Does Money Talk: The Effect of a Monetary Attribute in the Marginal Values in a Choice Experiment”. Supervisor: Prof. Riccardo Scarpa.
2nd Best Average of marks in the Promotion.
- 2001 Bachelor in Commercial Engineering and Licentiate in Economics.
Universidad de Concepción. Concepción – Chile.
Bachelor Thesis: “Estimación de una Ecuación de Predicción de las Exportaciones Chilenas: 1980 – 2000” (Estimation of a Forecasting Equation for Chilean Exports: 1980 – 2000).
Best Average of marks in the Promotion.
- 1996 Teresiano La Castellana School. Caracas – Venezuela
Best Average of marks in the promotion and Award of Academic Excellence by Chacao Municipality.

PUBLICATIONS, WORKING PAPERS AND POLICY BRIEFS:

Publications:

- “*Cheap and expensive alternatives in stated choice experiments: Are they equally considered by respondents?*”. Paper Accepted for publication in Applied Economics Letters – May 2010.
Co-authors: PhD. Danny Campbell and Prof. George Hutchinson.
- “*Should Chile use Renewables, Fossil Fuel or Hydropower for future electricity supply?. Evidence from a Contingent Valuation Study*”. Laceep Policy brief PB14. Online publication available at: http://www.laceep.org/index.php?option=com_content&task=view&id=28&Itemid=48. Published in February 2010.

Working Papers:

- “*Attribute processing strategies in environmental choice analysis: Implications for willingness to pay and policy appraisal*”. Paper submitted to Ecological Economics – April 2010.
Co-authors: PhD. Danny Campbell, PhD. Victoria Lorimer, and Prof. George Hutchinson.
- “*Environmental pricing for energy generation sources: Evidence from a contingent valuation study in Chile*”.
Co-authors: Prof. George Hutchinson and PhD. Alberto Longo.
- “*Does ignorance of attributes in a choice experiment affect willingness to pay and policy recommendations?*”.
Co-authors: Prof. Peter Martinsson and Prof. Riccardo Scarpa
- “*Effect of price change direction and utility specification in choice-experiments for wind-farms location in Southern Chile*”.
Co-authors: Prof. Riccardo Scarpa.
- “*Does Money Talk? The Effect of a Monetary Attribute on the Marginal Values in a Choice Experiment*”.
Co-authors: Prof. Peter Martinsson and Prof. Riccardo Scarpa.
- “*Energía Eólica en Chile: Un estudio de preferencias y actitudes por parques eólicos en la Octava Región*”. 2007. (Wind power in Chile: A study of preferences and attitudes for wind farms in the VIII Region of Chile). Working paper at FACEA working paper series – Universidad de Concepción.
Co-authors: Prof. Peter Martinsson and Prof. Riccardo Scarpa.
- “*Estimación de una Ecuación de Predicción de las Exportaciones Chilenas: 1980 – 2000*” (Estimation of a Forecasting Equation for Chilean Exports: 1980 – 2000).

ONGOING RESEARCH

- Internal Consistency in Double Bounded Dichotomous Choice Contingent Valuation: Use of Explicit Decision Rules and Sequential and Advance Revelation Learning Design (LDCV). Project funded by Laceep and Queens University Belfast.
- Balancing Ecosystem Conservation and Tourism in Galapagos Islands, Ecuador. Project funded by Laceep.

TEACHING EXPERIENCES

Institution: Universidad de Concepción.

City-Country: Concepción – Chile

Teaching:

- For Master Program in Environmental and Natural Resource Economics:
 - Introductory Course in Macroeconomics. Years: 2003 – 2004 – 2006 - 2007.
- For Undergraduate in Economics:
 - Topics in Macroeconomics (Economic Growth, Development Economics and others). Years: 2003 – 2004.
 - Microeconomics III. Years: 2003.

Teacher Assistant :

- Teacher Assistant in Econometrics I. Years: 1999 – 2000 – 2001.
- Teacher Assistant in Microeconomics II. Years: 1999 – 2000.
- Teacher Assistant in Macroeconomics II. Years: 2000.
- Teacher Assistant in Macroeconomics I for Forest Engineering. Years: 1999.

Supervision:

Master Level:

- “Balancing Ecosystem Conservation and Tourism in Galapagos Islands”. Mernyma Program. Universidad de Concepción. Concepción, Chile. Currently ongoing. Student: Carlos Medina.
- “Willingness to pay to avoid the environmental impacts of electricity generation”. Laceyep Program. Project undertaken by Pontificia Universidad Católica de Chile (Catholic University of Chile). Currently ongoing. Student: Cristóbal de la Maza.

Undergraduate Level:

- “Estimación de una Ecuación para proyectar la Demanda de Molduras de Madera de un Centro de Distribución de Houston”. (“Estimation of a Forecasting Equation for Wood Moulding Demand of a Distribution Centre of Houston”) Year: 2004. Universidad de Concepción. Concepción, Chile. Students: Carolina Pooley and Carolina Hernández.
- Assistant and Advisor in diverse topics in thesis works of undergraduate and master students. Specially: Environmental Valuation, Macroeconomics, Transport economics. Institutions: Universidad de Concepción and Universidad del Desarrollo. Years: 2003 to 2007.

Others:

Particular teaching for students in Commercial Engineering and Economics on Basic Economics, Microeconomics, Macroeconomics and Econometrics (1999–2002). Particular teaching on Mathematics, Physics and Chemistry for secondary school students (1997 – 2000). Los Angeles and Concepcion. Chile.

School (Teresiano School): Teacher for the program “Fe y Alegría”. Teacher in different areas (Mathematics, Spanish, Social and Natural Sciences, History and Biology) for third-aged and young people with difficult access to education. 1991 – 1996. Caracas. Venezuela.

VISITING RESEARCHER:

Nov. 2008. Environmental Economics Unit. Economics Department, University of Gothenburg.

REFEREE:

- **Referee for Scientific Organisations:**
Latin American and Caribbean Environmental Economics Program (LACEEP) 2008 – 2010.
VID Initiation Projects – Universidad de Chile. 2009.
- **Referee for Scientific Journals:**
Journal Environmental and Resource Economics.
Journal of Choice Modelling.
- **Referee for Conferences:**
16th EAERE Annual Conference. Gothenburg, 2008.
International Choice Modelling Conference. Yorkshire, 2009.

PRINCIPAL BETTER ACTINGS AND AWARDS:

- 1) **IAEE Best Student Paper Award. Award to the best postgraduate paper in the 10th Conference of the International Association of Energy Economics. 2009. Vienna, Austria.**
Paper: “*Should Chile use Renewables, Fossil Fuel or Hydropower for future electricity supply?. Evidence from a Contingent Valuation Study*”.
- 2) **Best Postgraduate Paper Award of the III ALEAR Congress of Latin American Environmental and Resource Economists (ALEAR) 2007. Talca, Chile.**
Paper: “*Does Money Talk?. The Effect of a Monetary Attribute on the Marginal Rate of Substitution in a Choice Experiment*”.
- 3) **Highest mark (100/100) in master thesis. MERNYMA program. Universidad de Concepción. 2007.**
Thesis: “*Habla el dinero?. El efecto de un atributo monetario en los valores marginales en un experimento de elección*”. (“*Does Money talk? The effect of a monetary attribute on the marginal values in a choice experiment*”)
- 4) **Highest mark (100/100) in under-degree thesis in Economics. Universidad de Concepción. 2001.**
Thesis: “*Estimación de una Ecuación de Predicción de las Exportaciones Chilenas: 1980 – 2000*” (“*Estimation of a forecasting equation for the Chilean exports: 1980-2000*”).
- 5) **Universidad de Concepción Award 2001¹**
Best Average of the promotion of the career Commercial Engineering.
Universidad de Concepcion. Concepción – Chile
- 6) **Lan Chile Excellence Academic Award 2001**
Best Average of the promotion of the career Commercial Engineering.
Universidad de Concepcion. Concepción – Chile
- 7) **Award to the Academic Excellence granted by the Chacao Municipality 1994 – 1995 – 1996².**
Caracas – Venezuela
- 8) **Best Average of marks of the Promotion and School, Teresiano School 1996.**
Caracas – Venezuela
Mention to the best student (Highest marks average) during all the whole school studies.

¹ Award granted by Universidad de Concepción every year to the best student in Commercial Engineering in 2002. Some of the requirements are: Obtain the highest average of marks, which can not be lower than 75 points (over 100), do not abandon or reprove any course during the whole career, good acting, among others. Average mark obtained in the whole career: 82.

² Award granted every year by the Chacao Municipality (where is located the Teresiano School) since 1994 to the best students from schools of the Municipality.

Other Grants and Scholarships obtained from 2002

- Scholarship from Beijer Institute (Sweden) to participate in the course Applying Game Theory and Behavioral Economics to the Environment and in the Fourth World Congress of Environmental and Resources Economics. Montreal. June-July 2010.
- Grant (\$10000 USD) for participating in 2010 Camp Resources, Wilmington, US.
- IAEE Fee Conference Scholarship (USD\$ 250) for attending the 16th International Conference in Energy Economics. Vienna. September, 2009.
- Emily Sarah Montgomery Travel Scholarship (GBP£ 650) for attending conferences during 2009. Queens University Belfast.
- Scholarship of €10,000 from University College of Dublin for studying the Certificate in Sustainable Development. 2008. One of the 10 scholarship offered by the institution in 2008.
- Laceep Grant of USD\$ 15,000 for developing the project in valuation of environmental impacts of different energy sources in Chile. (Part of the PhD thesis). 2007.
- Scholarships from Laceep for attending several workshops, training courses and congress during 2007 and 2009 (detailed in the last section).
- Sida (Swedish International Development Cooperation Agency) Scholarship for presenting research paper in the 16th EAERE Conference and attending the EfD Meeting. June, 2008. Gothenburg, Sweden.
- Scholarship from Queens University Belfast for the PhD Program in Environmental Economics. Starting on June 2007.
- Scholarship from NCCR – University of Bern for attending and presenting poster in the 5th NCCR Summer School. August, 2006. Grindelwald, Switzerland.
- Sida Scholarship for presenting research paper in the III EAERE World Congress of Environmental and Resource Economists. June, 2006. Kyoto, Japan.
- Sida Scholarship 2005. One of the 8 scholarships for attending courses in Natural Resource Economics and Policy Instruments in spring 2005 in Gothenburg University. Sweden.
- Sida Scholarship 2004. One of the 8 scholarships for attending courses in Behavioural Economics, Environmental Valuation and Development Economics in fall 2004, in Göteborg University. Sweden.
- Scholarship “Universidad de Concepcion Award”. Scholarship awarded to the best student of the previous promotion in the career Commercial Engineering for continuing master studies in Universidad de Concepcion. 2001.

CONSULTANTSHIPS:

Assistant in project on social and economic characterization of fisheries communities in VIII Region of Chile. 2006. Project conducted by Universidad de Concepción.

Collaboration as assistant researcher for IERN: Instituto de Economía y Recursos Naturales (Institute of Economics and Natural Resources). Lima, Perú. Short collaboration with this institute based on support and reviews of ongoing research in the institute. 2005.

Consultantships in diversity of economic topics related with environment in the Consultant Company “Environmental Decisional Support and Systems”. Last Project worked: “Diagnostic of Implementation of Drinking Water in Indigenous Communities” (2003-2004). Project for the Public Labor Ministry of Chile. Concepción – Chile

SEMINARS INVITED AND PRESENTED:

Dec. 2009. "Energy and Environment in Chile: Environmental Prices for different energy generation sources". Tehuelche Group. Universidad de Concepción. Chile

Mar. 2009. "Energy and the Environment: Environmental Valuation and the Application of Public Policies – The Chilean Case". Faculty of Economics. Universidad Nacional Autónoma de Honduras. Tegucigalpa, Honduras.

Nov. 2008. "Should Chile use Renewables, Fossil Fuel or Hydropower for future electricity supply?. Evidence from a Contingent Valuation Study. Environmental Economics Unit. University of Gothenburg, Sweden.

Sept 2008. "Should Chile use Renewables, Fossil Fuel or Hydropower for future electricity supply?. Evidence from a Contingent Valuation Study". Environmental Economics Group. IAFLU Queens University Belfast, Northern Ireland, UK.

Nov 2007. "Valuation of Environmental and Social Impacts of Large Dams for Hydropower Generation in Chilean Patagonia". Peruvian Research Institute. Lima, Peru.

Nov 2007. "Research on Environmental Economics". Department of Economics. La Molina University. Lima, Perú.

Sept 2007. "The Effect of a Monetary Attribute on the Marginal Rate of Substitution in a Choice Experiment". Environmental Economics Group. IAFLU Queens University Belfast, Northern Ireland, UK.

Nov. 2006. "Métodos económicos para la valoración de ecosistemas e impactos ambientales de proyectos energéticos". (Economic methods for valuing ecosystems and environmental impacts of energy projects). Seminar presented in Universidad de Concepción for Tehuelche Group. Chile.

SOME PARTICIPATION/PRESENTATION IN SEMINARS, CONGRESS, COURSES AND WORKSHOPS:

- 4th World Congress in Environmental and Resource Economists. 28th June – 2nd July. Montreal. Canada.
- 17th Camp Resources. 24th-25th June, 2010. Wilmington. US.
- IAEE Conference. 7th -10th September, 2009. Vienna. Austria.
- XVII EAERE Annual Conference. 24th – 27th June, 2009. Amsterdam. Netherlands.
- IV ALEAR Congress. March, 2009. Heredia. Costa Rica.
- VII LACEEP Workshop. March, 2009. Heredia. Costa Rica.
- Master course on Sustainable Development. Sept – Dec 2008. Gibson Institute. Queens University Belfast. Northern Ireland. UK.
- Conference "Governance and Sustainable Development". 11th-12th November, 2008. Comhar Sustainable Development Council. Dublin, Ireland.
- International Conference "Green Infraestructure: Connecting nature, people and places". 4th-5th November, 2008. Malahide, Co.Dublin. Ireland.
- VI LACEEP Workshop. September, 2008. Medellín. Colombia.
- Course on Natural Resource Economics: "Applications of computational economics to solve dynamic problems", 23th September – 2nd October, 2008. Medellín. Colombia.
- Workshop Empirical Methods on Energy Economics organised by ETH Zurich and CEPE. 29th – 30th August, 2008. Zurich, Switzerland.
- XVI EAERE Annual Conference. 25th – 28th June, 2008. Göteborg, Sweden.
- EFD – Environment for Development - Meeting. Gothenburg, 24th June, 2008. Göteborg, Sweden.
- V LACEEP Workshop. March, 2008. San José, Costa Rica.
- Course "Ten Critical Concepts for Environmental Economists". Prof. Richard Woodworth. 7th – 10th April, 2008. Turrialba, Costa Rica.

- IV LACEEP Workshop. October, 2007. Quinamávida. Chile.
- Course “The Economics of Ecosystem Services”. Prof. Karl-Göran Mäler. October, 2007. Quinamávida. Chile.
- III LACEEP Workshop. March, 2007. La Fortuna. Costa Rica.
- Course on Practicalities of Environmental Policy Making. Prof. Thomas Sterner. 26th – 30th March, 2007. CATIE. Turrialba. Costa Rica
- Climate NCCR Summer School and workshop in “Adaptation and Mitigation: Responses to Climate Change”. Grindelwald, Swirzerland (August - September 2006).
- Third EAERE World Congress of Environmental and Resource Economists. Kyoto, Japan. (July, 2006).
- Workshop in “Bootstrap Method in Econometrics and Statistics”. Prof. Andrew Tremayne. Universidad de Concepcion. Concepcion – Chile. (November 2005).
- Workshop “Balancing Hydropower Development and Biodiversity”. EULA Center. Concepción – Chile (January 2005).
- Latin American Meeting of Econometric Society. Santiago. Chile. (Jul 2004).
- Workshop: Mathematics, Statistics and Quantitative Methods in Education of Business Management and Economists Prof. Renato Aguilar. Universidad de Concepcion. Concepcion – Chile. (May 2004)
- National Congress of Economists in Punta de Tralca. Chile. (Sept. 2002 – 2003)

LANGUAGES:

Spanish (First Language), English and Italian (Advanced Level), French and German (Basic Level), Principles of Swedish.