

Claudia Doménica Aravena Novielli (PhD)

CURRICULUM VITAE

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PERSONAL INFORMATION

Full Name: Claudia Doménica Aravena Novielli
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Dublin 2 – Dublin – Ireland.
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EDUCATION / QUALIFICATIONS / CURRENT APPOINTMENTS

Present **Research Fellow in Energy and Environmental Economics**
Department of Economics - Trinity College Dublin. Ireland

Present **Lecturer (Adjunct)**

Department of Economics – Trinity College Dublin. Ireland.
Department of Electrical Engineering – University College Dublin (UCD). Ireland.
2012-15 UCD Smurfit Business School – University College Dublin (UCD). Ireland.

Other current affiliations:

Senior Researcher - Energy Research Centre (ERC) – University College of Dublin (UCD).
Research Affiliate at ESRI (Economic and Social Research Institute) – Ireland.
Visiting Researcher – Gibson Institute – Queens University Belfast – UK.
Research Associate – Universidad de Concepción and Universidad Adolfo Ibanez – Chile.
Latin American and Caribbean Environmental Economics Program – Scientific Committee.

2011 **Ph.D. in Energy and Environmental Economics**

Queen's University Belfast. Environmental Economics Group.
Gibson Institute for Land, Food and the Environment. UK.
Ph.D. Thesis: "Issues in using stated preference methodologies to value externalities of renewable and non-renewable energy production in Chile".
Supervisor: Prof. George Hutchinson and Dr. Alberto Longo.

2009 **Visiting student in the Environmental Economics Unit at University of Gothenburg.**

Visiting student during 2004-2005 and 2009 to complete several Ph.D. courses in Econometrics, Natural Resource Economics, Environmental Valuation, Behavioural and Experimental Economics, Policy Instruments and Development Economics.

2009 **Certificate in Sustainable Development** (PhD Level).

University College of Dublin (UCD). Urban Institute. Ireland.

2007 **Master in Environmental and Natural Resources Economics**

Best Class honours.

Universidad de Concepción. Concepción – Chile.
Master Thesis: "Does Money Talk: The Effect of a Monetary Attribute on the Marginal Values in a Choice Experiment". Supervisor: Prof. Riccardo Scarpa.

2001 **Bachelor and Licentiate Degree in Economics.**

Best Class honours and Universidad de Concepcion Award.

Universidad de Concepción. Concepción – Chile.
Thesis: "Estimación de una Ecuación de Predicción de las Exportaciones Chilenas: 1980 – 2000" (Estimation of a Forecasting Equation for Chilean Exports: 1980 – 2000).
Supervisor: Dr. Ivan Araya.

1996 Teresiano La Castellana School. Caracas – Venezuela

Best Class honours and Award of Academic Excellence by Chacao Municipality.

PUBLICATIONS, WORKING PAPERS AND POLICY BRIEFS:

Publications:

- **Aravena, C.**, Riquelme, J.A. and Denny, E. (*In press*) “*Money, Comfort or Environment? Priorities and Determinants of Energy Efficiency Investments in Irish Households*”. Journal of Consumer Policy.
- Duran, E.; **Aravena, C.** and Aguilar, R. (2015) “*Analysis and Decomposition of Energy Consumption in the Chilean Industry*”. Energy Policy, 86, 552-561.
- **Aravena, C.**; Martinsson, P. and Scarpa, R. (2014) “*Does Money Talk? The Effect of a Monetary Attribute on the Marginal Values in a Choice Experiment*”. Energy Economics, 44, 483-491.
- **Aravena, C.**; Hutchinson, G. and Longo, A. (2012) “*Environmental pricing of externalities from different sources of electricity generation: Evidence from a contingent valuation study in Chile*”. Energy Economics, 34, 1214-1225.
- Campbell, D.; **Aravena, C.**; Hutchinson, G. (2011) “*Cheap and expensive alternatives in stated choice experiments: Are they equally considered by respondents?*” Applied Economics Letters, 18 (8), 743-747.
- Policy Brief:
Aravena, C. (2009). “*Should Chile use Renewables, Fossil Fuel or Hydropower for future electricity supply?. Evidence from a Contingent Valuation Study*”. Laceep Policy brief PB14. Online version available at:
http://www.laceep.org/index.php?option=com_content&task=view&id=28&Itemid=48.

Revise and Resubmit Papers:

- **Aravena, C.**, Hutchinson, G., Carlsson, F. and Matthews, D. “*Theories of preference formation in learning design contingent valuation using advanced information and repetitive treatments*”.
- Carroll, J., **Aravena, C.** and Denny, E. “*Low efficiency in rental properties: Asymmetric information or low willingness to pay?*”

Working Papers:

- **Aravena, C.** and Denny, E. “*The impact of purchase price and learning on the stability of preferences for electric vehicles*”.
- Medina, C., **Aravena, C.** and Vasquez, F. “*Economic Valuation of the Giant Tortoise Conservation in the Galapagos Islands*”. (Laceep working paper WP33).
- De la Maza, C and **Aravena, C.** “*Willingness to pay to avoid environmental impacts of electricity generation*”.
- **Aravena, C.** and Scarpa, R. “*Effect of price change direction and utility specification in choice-experiments for wind-farms location in Southern Chile*”.
- **Aravena, C.**, Medina, C. and Vasquez, F. “*Testing Internal Consistency in Double Bounded Dichotomous Choice Contingent Valuation: The effect of introducing “Practice Rounds” in contingent valuation surveys*”.
- Campbell, D.; Lorimer, V.; **Aravena, C.** and Hutchinson, G. “*Attribute processing strategies in environmental choice analysis: Implications for willingness to pay*”. Proceedings of the Agricultural Economics Society Annual Conference. Edinburgh, 29-31 March, 2010.

- **Aravena, C.;** Martinsson, P. and Scarpa, R. “Does ignorance of attributes in a choice experiment affect willingness to pay and policy recommendations?” Proceedings of the 16th EAERE Annual Conference. Gothenburg. 25-28 June, 2008.
- **Aravena, C.;** Martinsson, P. and Scarpa, R. “Energía Eólica en Chile: Un estudio de preferencias y actitudes por parques eólicos en la Octava Región”. (Wind power in Chile: A study of preferences and attitudes for wind farms in the VIII Region of Chile).
Working paper DT 05-07 at FACEA working paper series. Department of Economics –Universidad de Concepción. Available at: <http://educacion.facea.udec.cl/economia/?q=node/142>
- Medina, C., **Aravena, C.** and Vasquez, F. “Valoración Económica de la Conservación de Tiburones en la Reserva Marina de Galápagos”. (Economic Valuation of Sharks’ Conservation in the Galapagos Marine Reserve). Laceep working paper WP34. Available online at: http://www.laceep.org/index.php?option=com_k2&view=item&id=151:valoracion_economica_conservacion_tiburones_galapagos_molina_wp34&Itemid=87
- **Aravena, C.** and Bourke, C. “Estimación de una Ecuación de Predicción de las Exportaciones Chilenas: 1980 – 2000” (Estimation of a Forecasting Equation for Chilean Exports: 1980 – 2000). Proceedings of the National Congress of Economics. Punta de Tralca, 25-26 September, 2003.

Papers in preparation:

- **Aravena, C.** and Denny, E. “Attitudes and preferences for electric vehicles: What characteristics and policies do people value most?”
- **Aravena, C.,** Martinsson, P., Mishra, S. and Westerlund, J. “The effect of dynamic prices and information on electricity consumption – Results from a field experiment”.
- **Aravena, C.,** Riquelme, J. and Denny, E. “Energy efficiency investments in renting and homeowner’s dwellings. Is there an energy gap?”
- **Aravena, C.,** Schuitema, G. and Denny, E. “The influence of consumer trust on the willingness to pay for improvements in building energy rating levels in Ireland”.
- **Aravena, C.,** Vazquez, F. and Paz, X. “Partial and Generalized Attribute Non-attendance in Choice Experiments –An application to Asthma Treatments for Children in Chile”.

ADDITIONAL ONGOING RESEARCH

- “Conservation and Management of Peatland Ecosystems in Ireland”. Research funded by EPA Research Ireland (Environmental Protection Agency) and joint with Shane Regan (leader project).
- “Economic, Social and Regulatory Aspects of Solar Power Development in Chile”. Project funded by the Chilean Government and in collaboration with Universidad Adolfo Ibanez and Universidad de Chile. Chile. Joint research with Dr. Claudio Agostini (Universidad Diego Portales – Chile) – FONDAP project.
- “Valuing Air Pollution Impacts on Health: A comparison of Revealed and Stated Preferences Approaches in Developed and Developing Countries”. Research funded by Fondecyt Chile and joint with Dr. Felipe Vazquez, MSc. Andrea Vergara and MSc. Ximena Paz. (Universidad de Concepcion – Chile and University of Massachusetts Amherst, US).
- “Analysis of Investments in Energy Efficiency Measures, Policy Instruments and Economic Development in Chile”. Research proposal sent for funding application to two sources: LACEEP and the Chilean Government. Joint project with Dr. Alejandra Schueftan. Universidad de Los Lagos. Valdivia. Chile.

PRINCIPAL HONOURS / AWARDS AND ACHIEVEMENTS:

- 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) **Universidad de Concepción Best Student - First Class Honours Award 2001¹**
First Class honours in Economics (Commercial Engineering).
Universidad de Concepcion. Concepción – Chile
- 4) **Lan Chile Excellence Academic Award 2001**
First Class honours in Economics.
Universidad de Concepcion. Concepción – Chile
- 5) **Top 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”)
- 6) **Top mark (100/100) in under-graduate 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”).
- 7) **Award to the Academic Excellence granted by the Chacao Municipality 1994 – 1995 – 1996².**
Caracas – Venezuela
- 8) **Teresiano School First Class Honours Award, Teresiano School 1996.**
Caracas – Venezuela
Award to the best student for achieving First Class Honours during all the whole school studies.

Grants and Scholarships obtained from 2002

- **Major Scholarships.**
- **Mäler Scholarship 2016** – Scholarship supported by the Swedish International Development Cooperation Agency (SIDA) to conduct research in Environmental and Development Economics at the Beijer Institute – The Royal Swedish Academy of Sciences in Stockholm, Sweden.
- **Gibson Institute - QUB Special Research Scholarship.** Scholarship awarded by the Gibson Institute to continue Ph.D. studies and research activities at Queen’s University Belfast. Jun 2010 – Sept 2011. Full scholarship to cover fees and salary for 16 months.

¹ Prestigious award granted by Universidad de Concepción every year to the best undergraduate student in Economics/Commercial Engineering. It considers the 5 years of study. Some of the requirements are: Obtain first class honours, which cannot be lower than 75 points (over 100) (Personal final mark=82), do not abandon or fail any course during the whole degree, good acting, among others.

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

- **University College of Dublin (UCD) Scholarship.** Scholarship awarded by the Urban Institute at UCD to study the Certificate in Sustainable Development. One of the 10 scholarships offered by the institution in 2008. (Amount: € 10,000).
- **Queen's University Belfast Scholarship.** Prestigious scholarship awarded by Queen's University Belfast to carry Ph.D. studies at the Ph.D. Program in Energy and Environmental Economics at QUB. Starting in June 2007. Full scholarship to cover tuition fees and stipend for 3 years.
- **SIDA Scholarship 2005.** One of the 8 scholarship offered by the Swedish International Development Agency to attend Ph.D. courses in Natural Resource Economics and Policy Instruments in spring 2005 at University of Gothenburg.
- **SIDA Scholarship 2004.** One of the 8 scholarship offered by the Swedish International Development Agency to attend Ph.D. courses in Behavioural Economics, Environmental Valuation and Development Economics in fall 2004, in University of Gothenburg. Sweden.
- **"Universidad de Concepcion Award".** Scholarship of excellence awarded to the best student in Economics for continuing master studies in Universidad de Concepcion. 2001. The scholarship covers the full cost of the Master Program at Universidad de Concepcion.

- **Research Grants**

- **LACEEP Grant** (USD\$ 15,000) for project in valuation of environmental impacts of different energy sources in Chile. 2007.
- **LACEEP Grant** (USD\$ 7,000) for project on Decomposition Analysis of Energy Consumption in Chile. 2013. Co-applicant with MSc. Elisa Duran and Dr. Renato Aguilar.
- **Arts and Social Sciences Benefactions Fund 2013.** (€ 3,000) Trinity College Dublin. Grant for funding research on the valuation of energy efficiency measures in Irish households. (Co-applicant: Dr. Eleanor Denny).
- **Visiting Professorship and Fellowship Benefaction Fund 2013.** (€ 1,000) Trinity College Dublin. Grant obtained to fund the visiting of Professor Peter Martinsson to the Department of Economics at Trinity College (Co-applicant: Dr. Eleanor Denny).
- **Visiting Professorship and Fellowship Benefaction Fund 2014.** (€ 1,000) Trinity College Dublin. Grant obtained to fund the visiting of Professor Joakim Westerlund to the Department of Economics at Trinity College (Co-applicant: Dr. Eleanor Denny).

- **Conference Grants and Other Scholarships**

- **CIDE Conference Grant.** Grant to participate in the Latin American Environmental and Energy Economics Workshop, September, 2015. Aguascalientes. Mexico.
- **SIDA-Beijer Institute Scholarship** to participate in the course "Environmental Regime Shifts" and the V World Congress of Environmental and Resource Economists. June 2014, Istanbul, Turkey.
- NHH – University of Bergen. Grant for attending conference in Energy and Environmental Economics. May 2014, Bergen, Norway.
- TUD (Technische Universitat Dresden) Grant for participating in the International Summer School Sustainable Energy Systems, September 2013, Dresden, Germany.
- NHH – University of Bergen. Grant for attending conference in Energy and Environmental Economics. May 2013, Bergen, Norway.
- **SIDA-Beijer Institute Scholarship** to participate in the course "Environmental Regime Shifts" and the 19th EAERE Conference. June 2012, Prague.
- **EAERE Fee and Accommodation scholarship** to present the accepted paper in the 18th EAERE Annual Conference. June 2011, Rome, Italy.

- Crawford School of Economics and Government. Australian National University. Grant for participating in the Economics and Environment Network Symposium 2010. Canberra. Australia. One of the 6 grants available. (Assistance suspended due to personal reasons). (AUD\$ 3000)
- North Carolina State University. Grant for participating in 2010 Camp Resources, Wilmington, US. (USD\$ 1000).
- Beijer Institute Scholarship to participate in the course “Applying Game Theory and Behavioral Economics to the Environment” and the Fourth World Congress of Environmental and Resources Economics. Montreal. June-July 2010. Canada.
- Laceep Scholarships for attending several workshops, training courses and congress, 2007-2009.
- IAEE Conference Grant (USD\$ 250) and Award (USD\$ 900). 16th IAEE International Conference in Energy Economics. Vienna. September, 2009.
- Emily Sarah Montgomery Travel Scholarship 2009. Queens University Belfast. (GBP£ 650)
- ALEAR grant for attending the IV ALEAR Congress. March, 2009. Costa Rica. (USD\$ 1000)
- Grant from the School of Biological Sciences – Queen’s University Belfast for participating in the Workshop Empirical Methods on Energy Economics. Switzerland. August, 2008. (GBP£ 550)
- 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.
- NCCR – University of Bern Scholarship for attending and presenting a poster in the 5th NCCR Summer School. August, 2006. Grindelwald, Switzerland.
- Sida Scholarship for presenting a research paper in the III EAERE World Congress of Environmental and Resource Economists. June, 2006. Kyoto, Japan.

TEACHING EXPERIENCE

LECTURING:

- **Ph.D. Level:**
 - **Ph.D. in Economics**
 - **Module: Environmental Valuation**
Years: February 2016
Institution: Department of Economics.
University of Gothenburg. Gothenburg. Sweden.

- **Master Level:**
 - **Master in Economics**
 - **Module: Microeconomics II**
Years: 2016.
Institution: Department of Economics.
Trinity College Dublin. Dublin. Ireland

 - **Master Programme in Energy and Environmental Finance**
 - **Module: Energy Markets and Climate Change.** Module FIN41420.
Years: 2012 - 2015.
Institution: UCD Michael Smurfit Graduate Business School
University College Dublin. Dublin. Ireland.

 - **Master Programme in Power Systems**
 - **Module: Energy Economics and Policy.** Module EEEN40380.
Years: 2014 - present.
Institution: Department of Electrical Engineering.
University College Dublin. Dublin. Ireland

 - **Master Programme in Environmental and Natural Resource Economics.**
 - **Module: Introductory Course in Macroeconomics.**
Years: 2003 – 2004 – 2006 - 2007.
 - Guest Lecturer in **Environmental Valuation** – Choice Experiments.
Year: 2006.
Institution: Department of Economics.
Universidad de Concepción. Concepcion. Chile.

- **Licentiate and Undergraduate Level:** Degree in Economics:
 - **Module: Topics in Macroeconomics** (5th year students of Economics Licentiate)

Main focus: **Economic Growth, Development Economics** and others.
Years: 2003 – 2004.
Institution: Department of Economics.
Universidad de Concepción. Concepcion. Chile.

Module: Microeconomics III. (3rd year undergraduate course in Economics)

Years: 2003.
Institution: Department of Economics.
Universidad de Concepción. Concepcion. Chile.

• **Other Teaching: (Industry):**

Module: Energy Economics – Valuation and Behavioural-Experimental Methods.
Course delivered to the main industry members in the energy sector in Ireland.

Year: 2015
Institution: Economic and Social Research Institute (ESRI) of Ireland
Dublin, Ireland.

TEACHING ASSISTANT:

- Introduction to Statistics (EC1030) (Trinity College Dublin) Years: 2013
- Policies for Environmental Sustainability (Queen’s University Belfast) Years: 2009
- At Universidad de Concepcion:
 - Econometrics I. Years: 1999 – 2000 – 2001.
 - Microeconomics II. Years: 1999 – 2000.
 - Macroeconomics II. Years: 2000.
 - Macroeconomics I for Forest Engineering. Years: 1999.

SUPERVISION:

- **PhD Level:**
 - “Measuring Households’ Willingness to pay for energy efficiency in Ireland: Designing Strategies to promote investment”. Co-supervision together with Dr. Eleanor Denny of a paper of PhD. thesis of student James Carroll. Department of Economics. Trinity College Dublin. Graduated in September 2014.
- **Master Level:**
 - “A Techno-Economic Fuel Cost Analysis of PV-Diesel Hybrid Generation Systems in Haiti”. Master in Energy Systems Engineering. University College Dublin. Dublin, Ireland. Student: Eoghan Buckley. Graduated in September 2015.
 - “Analysis and Decomposition of the Energy Consumption in the Chilean Industry”. Master in Environmental and Resource Economics (MERNYMA) at Universidad de Concepcion. Concepcion, Chile. Co-supervising with Dr. Renato Aguilar. Student: Elisa Duran Micco. Graduated in April 2014.
 - “Balancing Ecosystem Conservation and Tourism in Galapagos Islands”. MERNYMA Programme. Universidad de Concepción. Concepción, Chile. Student: Carlos Medina. Graduated in 2011.

- **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 in a Distribution Centre of Houston”) Universidad de Concepción, Concepción, Chile. Students: Carolina Pooley and Carolina Hernández. Graduated in 2004.
- Assistant and Advisor in diverse topics for undergraduate and master students’ thesis. Specifically: Environmental Valuation, Topics in Microeconomics, Macroeconomics, Transport economics. Institutions: Universidad de Concepción and Universidad del Desarrollo. Years: 2003 to 2007.

- **Supervision for External Institutions**

- “Power plant emissions and health outcomes in Chile”. Supervisor of project supported by the Latin American and Caribbean Environmental Economics Programme (LACEEP). Post-Doc: Javier Bustos-Salvagno. Currently ongoing. Started in October 2014.
- “Willingness to pay to avoid the environmental impacts of electricity generation”. Co-supervising with Prof. Fredrik Carlsson for the Latin American and Caribbean Environmental Economics Programme (LACEEP). Student: Cristóbal de la Maza (Chile). Completed in November 2013
- “Valuing Ecosystem Services in a Ramsar Site – The Black River Wetland”. Supervisor of project supported by the Latin American and Caribbean Environmental Economics Programme (LACEEP). Student: Maurice Mason (Jamaica). Completed in April 2013

Additional Tutoring and Teaching

- Economics, Microeconomics, Macroeconomics and Econometrics for undergraduate students in Commercial Engineering (Management) and Economics (1999–2002).
- Mathematics, Physics and Chemistry for secondary school students (1997 – 2000). Los Angeles and Concepcion. Chile.
- Teacher for the program “Fe y Alegría”. Teresiano School. Teacher in different areas (Mathematics, Spanish, Social and Natural Sciences, History and Biology) for senior citizens and young people with difficult access to education. (1991 – 1996). Caracas. Venezuela.

VISITING RESEARCHER:

Dec. 2014. Department of Economics. Universidad Adolfo Ibanez, Santiago – Chile.
Dec. 2013. Department of Economics, Universidad de Concepción, Concepción – Chile.
Dec. 2012. Department of Economics, Universidad de Concepción, Concepción – Chile.
Jan. 2012. Department of Economics, Universidad de Concepción, Concepción – Chile.
Nov. 2011. Gibson Institute for Land, Food and the Environment. Queen’s University Belfast. UK.
Apr. 2011. Environmental Economics Unit. Department of Economics, University of Gothenburg.
Nov. 2008. Environmental Economics Unit. Department of Economics, University of Gothenburg.

SCIENTIFIC COMMITTEE

- Latin American and Caribbean Environmental Economics Program (LACEEP). Member of the scientific committee of this prestigious program. Duties: Review research proposals submitted by applicants; decide the allocation of funding to the projects presented twice a year; provide comments, guidance and supervision to successful applicants; write reports to the program secretariat and applicants; review progress reports and research from successful applicants.

REVIEWER / REFEREE:

- **Referee for Scientific Journals:**

- Journal of Environmental Economics and Management (JEEM).
- Journal of Agricultural Economics (JAE).
- Journal of Environmental Management (JEM).
- Environmental and Resource Economics (ERE).
- Journal of Agricultural and Applied Economics.
- Energy Economics.
- Resource and Energy Economics.
- Energy Policy.
- Ecological Economics.
- European Review of Agricultural Economics.
- Energy Strategy Reviews.
- Water Resources and Economics.
- Transportation Research Part A: Policy and Practice.
- Journal of Behavioral and Experimental Economics.
- Journal of Choice Modelling.
- Asian Social Sciences.
- Revista Desarrollo y Sociedad (Journal of Development and Society).

- **Referee for Scientific Organisations:**

- INVEMAR (Instituto de Investigaciones Marinas y Costeras) – Colombia. 2015
- International Conservation Strategy (ICS) – External evaluation to CF funded project. 2015.
- Latin American and Caribbean Environmental Economics Program (LACEEP) 2008 – Present
- FONDECYT – Initiation into research 2014. Scientific and Technological Research Commission. Chilean Government.
- FP7 ERA-Net New INDIGO – evaluation for energy call 2013.
- RDF Research Grants – Xi’an Jiaotong – Liverpool University China – 2013.
- VID Initiation Projects – Universidad de Chile. 2009 - 2010.

- **Scientific Committee/Referee for Conferences:**

- World Congress of Environmental and Resource Economists, Turkey, 2014.
- 20th EAERE Annual Conference. Toulouse, 2013.
- 19th EAERE Annual Conference. Prague, 2012.
- EfD Annual Meeting, Tanzania, 2011.
- 18th EAERE Annual Conference. Rome, 2011.
- International Choice Modelling Conference. Oulton Hall, 2011.
- International Choice Modelling Conference. Yorkshire, 2009.
- 16th EAERE Annual Conference. Gothenburg, 2008.

CONSULTANCY:

- 2012 “Economic valuation of marine protected areas in Colombia”. Project conducted by Universidad de los Andes to National Geographic. Colombia.
- 2011 “Creation of Los Samanes National Recreational Area in Guayaquil, Ecuador”. Consultancy to the Inter-American Development Bank on the application of stated preference methodology and survey design for the project. Ecuador.
2006. Project assistant on the social and economic characterization of fisheries communities in VIII Region of Chile. Project conducted by Universidad de Concepción for the Chilean Government. Chile.
2005. 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.

2003-2004. Consultancy in diversity of economic and social topics related to environment and development in the Consultant Company "Environmental Decisional Support and Systems". Last Project worked: "Diagnostic of Implementation of Drinking Water in Indigenous Communities". Project for the Public Labour Ministry of Chile. Concepción – Chile.

INVITED SEMINARS:

Mar 2015. "Does purchase price affect preferences for electric vehicle characteristics and environmental benefits?" School of Business. Trinity College Dublin. Ireland.

Jun 2014. "Does purchase price affect preferences for electric vehicle characteristics and environmental benefits?" Department of Economics. Xi'an Jiaotong-Liverpool University. Suzhou. China.

Sep 2013. "Testing theories of preference formation in learning design contingent valuation (LDCV) using advanced information and repetitive treatments". CERE – Umeå University. Umeå, Sweden.

Sep 2013. "Attitudes and Preferences towards Electric Vehicles. What characteristics and policies do people value most?" Department of Energy and Environment. Chalmers University. Gothenburg, Sweden.

Dec 2012. "Internal Consistency in Double Bounded Dichotomous Choice Contingent Valuation: Can Advanced Information to Respondents Add to the Effects of Sequential Learning Designs?" Department of Economics. Universidad de Concepcion, Chile.

Jul. 2011. "Environmental pricing of externalities from different sources of electricity generation: Evidence from a contingent valuation study in Chile". ESRI – Ireland (Economic and Social Research Institute). Dublin, Ireland.

Apr. 2011. "Internal consistency in double bounded dichotomous choice contingent valuations: Effects of six different types of learning". Environmental Economics Unit. University of Gothenburg, Sweden.

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

Mar. 2009. The Research Experience in LACEEP. VII Biannual Workshop. Latin American and Caribbean Environmental Economics Program. Turrialba, Costa Rica.

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, Peru.

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.

SELECTED CONFERENCES AND WORKSHOPS:

- **Conference Papers:**

- “Do purchase price and learning affect preferences for electric vehicle characteristics and environmental benefits?” Latin American Environmental and Energy Economics Workshop. 24 – 26 September, 2015. Aguas Calientes, Mexico.
- “Testing preference formation in learning design contingent valuation (LDCV) using advanced information and repetitive treatments”. “10 Years +” Conference of the Latin American and Caribbean Environmental Economic Program (LACEEP +10). 20 – 22 August, 2015. Mexico City, Mexico.
- “Money, Comfort and Environment? Priorities and Determinants of Energy Efficiency Investments in Irish Households”. 38th IAEE International conference. 25 – 27 May 2015. Antalya, Turkey.
- “Energy Efficiency Investments in Renting and Homeowner’s Dwellings – Is there an energy gap?” Bergen Economics of Energy and Environment Research Conference (BEEER). NHH, 4 – 5 May 2015. Bergen, Norway.
- “Willingness to pay to avoid environmental impacts of electricity generation”. Society for Risk Analysis Annual Meeting. 7 – 10 December, 2014. Denver, Colorado.
- “Do purchase price and learning affect preferences for electric vehicle characteristics and environmental benefits?” VII International Workshop in Empirical Methods in Energy Economics. 14 – 15 August, 2014. Aachen, Germany.
- “Analysis and decomposition of energy consumption in the Chilean industry”. V World Congress of Environmental and Resource Economists. 28 June – 2 July, 2014. Istanbul, Turkey.
- Valuing conservation of giant tortoises in the Galapagos Islands – Should continental Ecuadorians participate in conservation programs? V World Congress of Environmental and Resource Economists. 28 June – 2 July 2014. Istanbul, Turkey.
- Attitudes and Preferences towards Electric Vehicles. - What characteristics and policies do people value most? International Energy Workshop. 4 – 6 June, 2014. China.
- Money, Comfort and Environment? Priorities and Determinants of Energy Efficiency Investments in Irish Households. Bergen Economics of Energy and Environment Research Conference (BEEER). NHH, 12 – 13 May 2014. Bergen, Norway.
- “Testing theories of preference formation in learning design contingent valuation (LDCV) using advanced information and repetitive treatments”. XX EAERE Annual Conference. 26 - 29 June 2013. Toulouse, France.
- “Attitudes and Preferences towards Electric Vehicles. What characteristics and policies do people value most?” Bergen Economics of Energy and Environment Research Conference (BEEER). NHH, 13 – 14 May 2013. Bergen, Norway.
- “Attitudes and Preferences towards Electric Vehicles. What characteristics and policies do people value most?” ENERDAY - 8th Conference on Energy Economics and Technology. 11-12 April, 2013. Dresden, Germany.
- “Internal Consistency in Double Bounded Dichotomous Choice Contingent Valuation: Can Advanced Information to Respondents add to the Effects of Sequential Learning?” Stirling Environmental Camp. 4th – 6th September. 2012. Stirling, Scotland.
- “Internal Consistency in Double Bounded Dichotomous Choice Contingent Valuation: Introducing Advanced Disclosure and Explicit Decision Rules in Sequential Learning Designs”. XVIII EAERE Annual Conference. 29th June – 2nd July. 2011. Rome, Italy.
- “Cheap and expensive alternatives in stated choice experiments: Are they equally considered by respondents?”. Fourth World Congress in Environmental and Resource Economists. 28th June – 2nd July. 2010. Montreal. Canada.

- “Internal Consistency in Double Bounded Dichotomous Choice Contingent Valuation: Use of Explicit Decision Rules and Sequential and Advance Revelation Learning Design (LDCV)”. 17th Camp Resources, 24th-25th June, 2010. Wilmington. US.
- “Accommodating attribute processing strategies in stated choice experiments: Evidence from a study assessing preferences for environmental and ecological restoration”. Agricultural Economics Society Annual Conference, 31st March, 2010. Edinburgh.
- “Environmental pricing of externalities from different sources of electricity generation: Evidence from a contingent valuation study in Chile”. 24th IEA Annual Conference, 23th -25th April, 2010. Belfast. UK.
- “Should Chile use Renewables, Fossil Fuel or Hydropower for future electricity supply?. Evidence from a Contingent Valuation Study”. IAEE Conference, 7th -10th September, 2009. Vienna. Austria.
- “Should Chile use Renewables, Fossil Fuel or Hydropower for future electricity supply?. Evidence from a Contingent Valuation Study”. XVII EAERE Annual Conference, 24th – 27th June, 2009. Amsterdam. The Netherlands.
- “Does ignorance of attributes in a choice experiment affect willingness to pay and policy recommendations?”. IV ALEAR Congress, 19th – 21st March, 2009. Heredia. Costa Rica.
- “Does ignorance of attributes in a choice experiment affect willingness to pay and policy recommendations?”. XVI EAERE Annual Conference, 25th – 28th June, 2008. Göteborg, Sweden.
- “Does Money Talk? The Effect of a Monetary Attribute on the Marginal Values in a Choice Experiment”. III ALEAR Congress, 26th – 28th September, 2007. Quinamavida, Chile.
- “Does Money Talk? The Effect of a Monetary Attribute on the Marginal Values in a Choice Experiment”. Third EAERE World Congress of Environmental and Resource Economists, 3rd – 7th July, 2006. Kyoto, Japan.
- “Estimación de una Ecuación de Predicción de las Exportaciones Chilenas: 1980 – 2000”. National Congress of Economists in Punta de Tralca, Sept. 2003. Chile.

- **Posters**

- “Money, Comfort and Environment? Priorities and Determinants of Energy Efficiency Investments in Irish Households”. 3rd ERC Research Symposium, 24 November, 2015, Dublin, Ireland.
- “Does purchase Price affect preferences for electric vehicle characteristics and environmental benefits?” V World Congress of Environmental and Resource Economists, 28 June – 2 July, Istanbul, Turkey.
- “Attitudes and Preferences towards Electric Vehicles. What characteristics and policies do people value most?” 2nd ERC Research Symposium, 9 May, 2013.
- “Smart meter trials in Ireland and Electric Vehicles”. Workshop on High Wind Integration 2020 - 2050. The Role of Demand Side Management in Dealing with Intermittency, 15th – 16th November, 2011. London, England.
- “Valuation of environmental impacts of wind power in Chile”. Climate NCCR Summer School and workshop in “Adaptation and Mitigation: Responses to Climate Change”. August - September 2006. Grindelwald, Switzerland.

SOME SPECIFIC SOFTWARE USED:

Limdep/NLogit, Stata, SPSS, R, Ngene and Eviews.

LANGUAGES:

Classification according the Common European Framework of Reference for Languages.

Language	Level	Understanding		Speaking	Writing
		Listening	Reading		
Spanish	Native	Native	Native	Native	Native
English	Proficiency	C2	C2	C2	C2
Italian	Advanced	C2	C2	C2	B2
French	Basic	A2	B2	A2	A2
German	Basic	A2	A2	A2	A2
Swedish	Basic	A1	A2	A2	A1