

DAVID BENATIA

CONTACT INFORMATION	HEC Montréal 3000, chemin de la Côte-Sainte-Catherine Montréal (Québec) Canada H3T 2A7	Email: david.benatia@hec.ca Site: http://davidbenatia.com Phone: (+1) 514 340-7189 Office: 4.156 CSC Languages: English (fluent), French (native)
RESEARCH AREAS	Industrial Organization, Econometrics, Environmental and Energy Economics	
ACADEMIC POSITION	<ul style="list-style-type: none">○ <i>Tenure-track Assistant Professor in Economics at HEC Montréal, (2020-).</i>○ <i>Tenure-track Assistant Professor in Economics at CREST, ENSAE, Institut Polytechnique de Paris (2018-2020), still affiliated (2020-).</i>	
PHD	<i>University of Montreal (2012-2018), defended May 2018, summa cum laude (with highest honor), Advisor: Marine Carrasco (University of Montreal, Canada), Co-Advisor: Étienne Billette de Villemeur (Université de Lille 1, France).</i>	
OTHER STUDIES	Master 2 in Economics of Environment, Natural Resources, Energy and Agriculture, <i>Toulouse School of Economics</i> , Toulouse, France (2011). M.Sc. in Economics, <i>Toulouse School of Economics</i> , Toulouse, France (2010). B.Sc. in Economics (Honor track), <i>Toulouse School of Economics</i> , Toulouse, France (2009).	
PUBLICATIONS	<ul style="list-style-type: none">○ Benatia D., Godefroy R. and J. Lewis, 2020, Estimates of COVID-19 cases across Canadian provinces, <i>Canadian Public Policy</i>.○ Benatia D., Debia S. and P.O. Pineau, 2018, Evaluating an Interconnection Project: Do Strategic Interactions Matter? <i>Energy Journal</i>.○ Benatia D., Carrasco M. and J.P. Florens, 2017, Functional Linear Regression with Functional Response. <i>Journal of Econometrics</i>.	
WORKING PAPERS	<ul style="list-style-type: none">○ Benatia D., 2021, Ring the Alarm! Electricity markets, renewables, and the pandemic. USAEE Working Paper. <i>Conditionally Accepted at Energy Economics</i>.○ Benatia D. and É. Billette de Villemeur, 2021, Strategic Reneging in Sequential Imperfect Markets. <i>Submitted</i>.○ Benatia D. and S. Gingras, 2021, Reaching new lows? The pandemic's consequences for electricity markets. USAEE Working Paper No. 20-454. <i>Resubmitted at The Energy Journal</i>.○ Bellego C., Benatia D., and L.D Pape, 2021, Dealing with logs and zeros in Regression Models. <i>Submitted</i>.○ Bellego C., Benatia D., and V. Dortet-Bernardet, 2021, Differences-Difference for Rotating Panel Data. <i>In progress</i>.○ Benatia D., Godefroy R. and J. Lewis, 2020. Estimating COVID-19 Prevalence in the United States: A Sample Selection Model Approach. <i>To be updated</i>.○ Benatia D., 2018, Functional Econometrics of Multi-Unit Auctions: An Application to the New York Electricity Market. <i>To be updated</i>.○ Benatia D. and R. Godefroy 2018, Delay in Diagnosis and Probability of Survival: An Estimation Procedure with an Application to Melanoma. <i>To be updated</i>.	
POLICY REPORTS	<ul style="list-style-type: none">○ Bellego C., Benatia D., Kymble C. and V. Dortet-Bernardet, 2020, Évaluation des aides d'État à la R&D et l'innovation. <i>Rapport Final. Direction Générale des Entreprises, Ministère de l'Économie, des Finances et de la Relance</i>.○ Benatia D. and T. Koźluk, 2016, The Determinants of Entry in The Electricity Generation Sector in OECD Countries: A Focus on Renewable Energy. <i>OECD Environment Working Papers</i>, No. 111, OECD Publishing, Paris.○ Benatia D., Johnstone N. and I. Haščič, 2013, Effectiveness of Policies and Strategies to	

Increase the Capacity Utilisation of Intermittent Renewable Power Plants. *OECD Environment Working Papers*, No. 57, OECD Publishing.

FELLOWSHIPS
AND GRANTS

HEC Montréal Starting Grant (10k\$/year, 2020-.)
Agence National de Recherche (ANR) on Economic Sustainability, Leader of Renewable Investment Work Package, 400k€, 2020-2023 (joint partnership between CREST, X, Université Paris Dauphine, and EDF R&D).
Collaborator to the Finance for Energy Market (fime-lab.org) research centre, individual funding 4000€/annum.
Partner of E4C, the EUR project led by IP Paris on Climate Change, funding over 5m€.
Labex ECODEC Grant, 2019-2021.
« Génie du mois » FAËCUM Scholarship, April 2018.
Excellence Fellowship Bernard Landry, 2016-2017.
Chair in Energy Sector Management Fellowship, HEC Montréal, 2013-2018.
Ph.D. Fellowship, CIREQ & Economics Department, University of Montréal, 2012-2017.
Canadian Energy Economics Association Graduate Travel Scholarship, 2016.
CIREQ Association Graduate Travel Scholarship, 2016 and 2017.

TEACHING

Microeconomics 10803, HEC Montréal, Fall 2021.
Environmental economics 30801, HEC Montréal, Winter 2021.
Economics of Energy Markets, Master in Economics, ENSAE, Winter 2019, Winter 2020, Winter 2021.
Topics in Economics (Public Economics), Undergraduate, ENSAE, Fall 2018, Fall 2019.
Supervisions and evaluations of several Research Master Thesis on a variety of topics: auctions, energy, environment and development; Projects in Applied Statistics; the Student Challenge for Carbon Neutral Cities (E4C); and the Business Data Challenge: building dynamic pricing algorithms using real business data, ENSAE, 2018-2020.
ECN2910: Environmental Economics, Undergraduate, U. of Montréal, Fall 2014 (Lecturer).
ECN7065: Theoretical Econometrics, PhD track, U. of Montréal, Winter 2015 (Assistant).
Economic Instruments of Regulation for Sustainable Development. Sciences Po Paris, Paris School of International Affairs for J.P Barde et N. Johnstone, 2011-2012 (Assistant).
2nd Year Undergraduate Macroeconomics, TSE for S. Kankanamge, 2010-2011 (Assistant).

PROFESSIONAL
EXPERIENCES

External Consultant in the Empirical Policy Analysis Unit (EPU) at *Organisation for Economic Co-operation and Development (OECD)*, Sep 2012-Jan 2014.
Consultant in the EPU at OECD, Paris (France) Apr 2012-Aug 2012.
Intern in the EPU at OECD, Paris (France) Sep 2011-Mar 2012, supervised by Nick Johnstone.

CONFERENCES
AND SEMINARS

- *Ring the Alarm! Electricity Markets, Renewables and the Pandemic* presented at the FIME seminar (06/2020), FAEE Seminar (04/2021).
- *Estimating COVID-19 Prevalence in the United States: A Sample Selection Model Approach* presented at École Polytechnique (05/2020).
- *Strategic Reneging in Sequential Imperfect Markets* presented at UQAM, Montréal (05/17/2019); IAEE International Conference at HEC Montréal, Montréal (05/31/2019). CREST-ENSAE, Paris (06/17/2019); UQAM, Montréal (10/31/2019); HEC Montréal (02/2020).
- *Functional Econometrics of Multi-Unit Auctions: An Application to the New York Electricity Market* presented at CIREQ Econometrics Conference on Inference in large-dimensional models, Montreal (Poster session, 05/05/2017); 57th Société Canadienne des Sciences Économiques (SCSE) at University of Ottawa, Ottawa (05/10/2017); 13th CIREQ Conference at Concordia University, Montreal (05/12/2017); Montreal Environment and Resource Economics Workshop, Montreal (11/03/2017); Bank of Canada, Ottawa (01/11/2018); Ryerson University, Toronto (01/15/2018); Sciences Po, Paris (01/22/2018); Universidad Carlos III, Madrid (01/24/2018); University of Bristol, Bristol (01/29/2018); Tilburg University, Tilburg (01/31/2018); CREST-ENSAE, Paris

(02/02/2018); HEC Montreal, Montreal (02/06/2018); Polytechnique Montreal, Montreal (03/01/2018); FIME Lab, Paris (07/12/2018); CERNA, Mines ParisTech, Paris (03/20/2019).

OTHERS

- Memberships: Center for Interuniversity Research and Quantitative Economics (CIREQ), Canadian Economic Association (CEA), Société Canadienne de Science Économique (SCSE), American Economic Association (AEA), International Energy Economics Association (IAEE), Alliance Program Initiative on Climate Change (Columbia-X Alliance).
- Co-organizer of the Microeconomics Seminar at CREST (2019-2020).
- Organizer of internal seminars at HEC Montréal (2021-).
- Referee services: Journal Business Economics and Statistics, International Journal of Industrial Organization, Journal of Financial Econometrics, Energy Journal, Resource and Energy Economics, Journal of Industry Competition and Trade.
- Computer skills: MATLAB, Python, R, STATA.