

**Jorge Dávalos**  
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## Profile

- My main contributions to economics sciences lie at the intersection of labor and development economics issues such as informal employment, agricultural economics and international migration among others. In collaboration with ILO's research department, I have implemented econometric models that support many countries labor information systems. As a PEP-Network resource person, I have contributed to build research capacities by training and mentoring researchers from Asia, Africa, Eastern Europe and Latin America, this within the framework of UKAid and IDRC's PAGE program.

## Education

- *Ph.D. in Econometrics*. University of Geneva, Switzerland (2012)
- *MSc. in Econometrics*. University of Geneva, Switzerland (2006)
- *PG Dip. in Computational Economics*. UMSA, Bolivia (2001)
- *BA in Economics*, 'Universidad Católica de Bolivia', Bolivia (2001)

## Affiliations and grants

- *Resource person*, PEP-Network (2013 – present)
- *Advisory board member*, FinanceThink (2015 – present)
- *Research grant*. Socioeconomic impact of B certified enterprises. Sistema B (2017 – 2018)
- *Research grant*. Trade and labor market outcomes. Swiss National Fund (2014 – present).
- *Academic excellence scholarship grant*. Swiss confederation (2003 – 2005)
- *Member*, Econometric Society (2011 – present)

## Articles in refereed journals

- Owoo, N., Lambon-Quayefio, M., Dávalos, J. & Manu, S. (2020). Union 'facilitation effect' and access to non-wage benefits in the Ghanaian labour market. *Oxford Development Studies*. **Forthcoming**
- Dávalos, J., Claire, M., Leytón, A. (2020). The gender effects of the minimum wage under weak compliance with labor regulations: The case of Bolivia. *Applied Economics*.
- Dávalos, J., Hoang, T. X., & Tiberti, L. (2020). The effect of input-trade liberalisation on farm and non-farm labour in Vietnam. *European Review of Agricultural Economics*, 47(1), 25–49
- Montaud, J. M., Dávalos, J., & Pécastaing, N. (2019). Potential effects of scaling-up infrastructure in Peru: a general equilibrium model-based analysis. *Applied Economics*, 1-18.
- Pécastaing, N., Dávalos, J., & Inga, A. (2018). The effect of Peru's CDM investments on households' welfare: An econometric approach. *Energy Policy*, 123, 198-207
- Dávalos, J. (2018). Trade openness effects on informality and the real exchange rate channel. *Applied Economics Letters*, 1-5

- Petreski, B., Tumanoska, D., Dávalos, J., & Petreski, M. (2018). New Light on the Remittances-Poverty-Health Nexus in Macedonia. *International Migration*
- Dávalos, J., Karymshakov, K., Sulaimanova, B., & Abdieva, R. (2017). Remittances and labor supply of the left-behind youth: Evidence from Kyrgyzstan. *Asian and Pacific Migration Journal*, 26(3), 352-380.
- Higuchi, A., Dávalos, J., & Hernani-Merino, M. (2017). Theory of planned behavior applied to fish consumption in modern Metropolitan Lima. *Food Science and Technology*, 37(2), 202-208
- Rodríguez, G., & Dávalos, J. (2017). The Trans-Pacific Partnership Agreement (TPP) Trade Potential for Peru, a Gravity Model Approach. *GECONTEC: Revista Internacional de Gestión del Conocimiento y la Tecnología*, 5(2), 93-107
- Higuchi, A., & Dávalos, J. (2016). Unveiling Peruvian organic consumers demand for organics: A latent class approach. *Ciencia e Investigación Agraria*, 43(3), 408-417

## Other publications

- *Book chapter*: Angjelkovska, T., Atanasovska-Noveski, V. & Dávalos, J. (2020). Social Unemployment Spell and Skills Mismatch: Evidence from North Macedonia's Youth Labour Force in *Social Exclusion and Labour Market Challenges in the Western Balkans*, Ch. 8. Cambridge Scholars (London School of Economics). **Forthcoming**.
- P. Kharel, K. Dahal, & Dávalos, J. (2020). Remittances and Non-Farm Self-Employment among the Left-Behind: Evidence from Nepal. *Partnership for Economic Policy Working Paper*, No. 2020-06.
- Mboutchouang V., J. Dávalos, J. Sandy, I. Mahoi & Korie, J. (2020). Civil War and Labor-Market Outcomes in Sierra Leone. *Partnership for Economic Policy Working Paper*, No. 2020-09.
- Petreski, B., Dávalos, J., Vchkov, I. and Tumanoska, D. and Kochovska, T., (2019). Analysis of youth underemployment in Macedonia, Montenegro and Serbia, with B. Petreski. *Available at SSRN*
- J. Zarkovic, J. Dávalos & , Vladislavljjevic, M. (2019). Gender inequality in labour market outcomes in times of austerity. *Partnership for Economic Policy Working Paper*, No. 2019-02.
- Isabella, G., Hemani-Merino, M., Dávalos, J., & Mazzon, J. A. (2018). My problem, your solution: a study of customer causal attributions in product or service failure. In *Bridging borders for peace and prosperity*. Seattle: Business Association of Latin American Studies.
- Dávalos, J. (2016). Trade-Openness Effects Through Price Channels on Sectoral Informal Employment: The Case of Peru. *Available at SSRN*.
- Dávalos, J. (2015). *Now-And Forecasting Unemployment from Google's Job-Search Activity* . Available at SSRN. (link)
- Atanasovska, V., Angjelkovska, T. and Dávalos, J. (2016). Unemployment Spell and Vertical Skills Mismatches: The Case of Macedonia's Youth. *Partnership for Economic Policy Working Paper*, No. 2016-18.
- Dávalos, J. and Ernst, E. (2016). Estimating Informal employment: A synthetic indicator. *Available at Researchgate*.

## Work in progress (selected projects)

- **Women and B-Corporations in Latin America** This study identifies the causal effect of women entrepreneurship on responsible entrepreneurship practices. The empirical analysis utilises a sample of Latin American companies participating in the B Impact Assessment questionnaire. This research article is currently under review at *The Journal of Business Venturing*.

- **Estimating involuntary informal employment** The informal employment literature suggest the coexistence of involuntary and voluntary informal employment within the informal labor force. Empirically, only a few studies have attempted the identification of such segments while assuming a Roy model framework of wage maximization. We fill this gap by introducing a Gronau model framework where individuals maximize an inner utility that depends on consumption and time allocated to home activities. To be submitted to *Journal of Development Economics*.
- **Indirect socio-economic costs of extreme El Niño-related damages on road network in Peru: a multi-regional CGE analysis** In this project we study the potential effects of El Niño events on road network infrastructure in Peru up to 2040. We employ a CGE approach to identify the spillover effects on the economy as well as the proper public investment plans required to keep the road network infrastructure. A VAR model of sea surface temperature is estimated to forecast El Niño events and its non-parametric (bootstrap) probability function. This project is carried out in collaboration with J. M. Montaud (Université de Pau) and Nicolas Pécastaing (Universidad del Pacífico).
- **Trade-openness and informality** In this project I study the relationship between trade and informal labor markets in developing countries. Trade liberalization episodes may exhibit heterogenous labour market effects depending sectorial comparative advantages, labour market frictions and whether liberalization occurs at exporting or import competing sectors. This project is funded by the Swiss National Science Foundation (SNSF).

## Conferences, workshops and study visits

- 80th Conference of the Academy of Management. United States, virtual conference (2020). Research article presentation.
- 10th Bolivian Conference on Development Economics. Bolivia, virtual Conference (2020). Research article presentation.
- Sustainability, Ethics & Entrepreneurship. Puerto Rico, US (2020). Research article presentation.
- PEP-network Special general meeting. Saly, Senegal (2019). Discussant of candidate projects to be funded by IDRC and UK Aid.
- Africa Meeting of the Econometric Society. Rabat, Marocco (2019). Research article presentation.
- PEP-network international conference. Cape Town, South Africa (2019). Discussant of candidate projects to be funded by IDRC and UK Aid.
- Economics of Informality Conference at Universidad del Rosario. Bogota, Colombia (2018). Research article presentation.
- PEP-network international conference. Bengaluru, India (2018). Discussant of candidate projects to be funded by IDRC and UK Aid & short training.
- Study visit at Lavaal University and PEP-Network. Quebec, Canada. (Feb. 2018). Scientific mentoring of selected projects.
- International Scientific Meeting 2018. Lima, Peru (2018). Research article presentation.
- ‘Conferencia de Economistas del Perú’. BCRP (2017). Research article presentation.
- 8th Bolivian Conference on Development Economics – 8BCDE. Bolivia (2017). Research article presentation.
- PEP-network international conference. Manila, Philipines (2017). Discussant of candidate projects to be funded by IDRC and UK Aid & short training.
- Study visit at Lavaal University and PEP-Network. Quebec, Canada. (Feb. 2017). Scientific mentoring of selected projects.

- “Trade and Labor Markets in Developing Countries”. Getulio Vargas foundation (2016). Research article presentation.
- PEP-network international conference. Nairobi, Kenya (2016)
- Study visit at Lavaal University and PEP-Network. Quebec, Canada. (March 2016). Scientific mentoring of selected projects.
- Dynamics, Economic Growth, and International Trade –DEGIT XX. Geneva, Switzerland (2015). Research article presentation.
- Symposium on ‘Trade and Employment in Developing Countries’. ILO Geneva, Switzerland (2015). Invited talk.
- Globalization, Working conditions and Health. ‘Université de Bordeaux’. France. (2015). Research article presentation.
- PEP-network international conference. Santa Cruz, Bolivia (2014). Discussant of candidate projects to be funded by IDRC and UK Aid & short training.
- International Association for Applied Econometrics (IAAE), accepted poster. London – UK (2014).
- Jornadas de análisis del mercado laboral. ILO, Bs. Aires, Argentina. (2013). Research article presentation.
- ‘Escenarios Macro: crecimiento empleo y pobreza – Mesa de concertación para la lucha contra la pobreza’. Lima, Perú (2013). Invited talk.
- PEP-network international conference. Cape Town, South Africa (2013). Discussant of candidate projects to be funded by IDRC and UK Aid & short training.
- Royal Economic Society PhD Meeting, London – UK. (2013). Research article presentation.
- CIRET conference, Vienna - Austria. (2012). Research article presentation.
- 2nd Bolivian Conference on Development Economics – 2BCDE. Bolivia (2012). Research article presentation.

## Employment & External collaborations

- **Associate professor**, Universidad del Pacífico. Lima, Perú (03/2020 – present)
- Assistant professor. Universidad del Pacífico. Lima, Perú (01/2015 – 03/2020).
- Technical support for the development of an employment projection model for Ecuador. External collaboration, ILO<sup>1</sup>, (2014 – 2015).
- Development of an employment projection model for Costa Rica’s Central Bank. External collaboration, ILO (2014 – 2015).
- Development of an employment projection model for Algeria (Labour Ministry). External collaborator, ILO (2014 – 2015).
- Econometric analysis for the SWIFT project which consisted in assessing the statistical validity of the a proxy means test developed by the WB in specific countries. External collaboration. The World Bank (2014).
- Labor statistician (P3). ILO regional office. Providing technical support to the ILO’s regional office and contributing to Panorama Laboral 2013. Lima, Perú (2013).

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<sup>1</sup>International Labor Organization

- Development of an employment projection model for Peru (Labour Ministry). External collaborator, ILO (2011 – 2012).
- Development of a backtesting and securities picking platform (implemented in R). *Société Financière de Gestion Commerciale*. Nyon, Switzerland (2011).
- Teaching and research assistant. Department of Econometrics. University of Geneva, Switzerland (2006-2011).
- Econometric analysis - households electric energy demand (internship). *Office Cantonale de la Statistique de Genève*. Geneva, Switzerland (summer 2005).
- Market risk analyst. Foreign reserves division, Central Bank of Bolivia (2002 – 2003)
- Back office operations. Foreign reserves division, Central Bank of Bolivia (2000 – 2001)

## Teaching experience

### International trainings

- Impact evaluation and microeconomic techniques. PEP-Network international conferences (2018, 2017, 2014 and 2013)
- An employment projection model for Ecuador. Quito, Ecuador (2016)
- An employment projection model for Costa Rica. San Jose, Costa Rica (2015)
- An employment projection model for Algeria. Algeria (2015)
- Employment Projection Model. ILO, International Training Center. Turin, Italy (2014)
- Children health and education poverty analysis. Unicef-MENA regional training. Cairo, Egypt (2013)

### Regular courses

- Management Science Methods (in english). University of London International program at 'Universidad del Pacífico' (since I-2016 to date)
- Multivariate analysis applied to business (in spanish) at 'Universidad del Pacífico' (since II-2018 to date).
- Quantitative methods applied to business (in spanish) at 'Universidad del Pacífico' (since I-2015 to I-2018).
- 'Modélisation économétrique' (TA in french) at University of Geneva (2006-2011)
- 'Introduction à la Statistique' (TA in french) at University of Geneva (2006-2011)
- 'Outils informatiques pour économistes' (TA in french) at University of Geneva (2006-2011)

### References

- Prof. Guy Lacroix. Professor titulaire, Département d'économie, U. Laval. Email
- Prof. Marcelo Olarreaga. Dean, Geneva School of Economics and Management. Short bio and email.
- Dr. Ekkehard Ernst. Chief Macroeconomist at the ILO (Geneva). Short bio and email.