Aristide Houndetoungan

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General Information

Fields:	Econometrics, Social Interactions and Networks, Applied Microeconomics
Languages:	French (Native), English (Fluent)
Citizenship:	Beninese, Canadian Permanent Resident

Appointments

Assistant Professor of Economics, Université Laval, Canada — 2025–Now
Assistant Professor of Economics, CY Cergy Paris Université and THEMA, France — 2021–2025

Education

Ph.D. in Economics (*with honors*, GPA: 4.32/4.33), Université Laval, Canada — 2016–2021

Engineering Degree in Statistics and Economics (*Distinction: ranked 1st out of 27*)
National School of Statistics and Economic Analysis (ENSAE Dakar), Senegal — 2013–2016

B.Sc in Statistics, University of Abomey-Calavi, Republic of Benin — 2010–2013

Accepted and Published Papers

2. Echevin, D., Fortin, B., & Houndetoungan, A. (2025). Healthcare Quality by Specialists Under a Mixed Compensation System: An Empirical Analysis. **Health Economics**, 34(5), 972-991.
1. Dufays, A., Houndetoungan, E. A., & Coën, A. (2022). Selective linear segmentation for detecting relevant parameter changes. **Journal of Financial Econometrics**, 20(4), 762-805.

Working Papers

4. Estimating Peer Effects using Partial Network Data (with Vincent Boucher) – **R&R at the Review of Economics and Statistics**
3. Count Data Models with Heterogeneous Peer Effects under Rational Expectations – **R&R at the Journal of Applied Econometrics**
2. Identifying Peer Effects in Networks with Unobserved Effort and Isolated Students (with Cristelle Kouame and Michael Vlassopoulos) – **Reject and Resubmit at the Journal of Applied Econometrics**
1. Inference for Two-Stage Extremum Estimators (with Abdoul Haki Maoude)

Selected Work in Progress

6. Quasi-Maximum Likelihood Estimator for Peer Effect Models with Partial Network Data
5. Friendship Networks and Social Diversity at School: Evidence from a Desegregation Program (*with Ghazala Azmat, Yann Bramoullé, Julien Grenet, Élise Huillery, and Youssef Souidi*)
4. Quantile Peer Effect Models
3. Physicians' Financial Incentives (*with Damien Echevin*)
2. Peer Effects in Active Labor Market Policies (*with Jérémy Hervelin*)
1. Overlapping Ownership and Competition in Central Bank Auctions (*with Mathieu Marcoux*)

Fellowships and Awards

- Honor Roll, Faculty of Graduate and Postdoctoral Studies   2021
- World Bank Group Fellowship, Africa Region   2020
- Scholarship, *Fonds de Recherche du Québec – Société et culture*   2018–2021
- Tadek Matuszewski Fellowship, Department of Economics, Université Laval   2016–2017
- Excellence Scholarship, B.Sc., Université d'Abomey-Calavi, Benin   2010–2013

Invited Talks, Conferences, Workshops

2025: Paris Econometrics Seminar, ZEW Research Seminar

2024: Annual Conference of the International Association for Applied Econometrics (Thessaloniki), Annual Conference of the Canadian Economics Association (Toronto), University of Montreal

2023: EDHEC Business School (Lille), Aix-Marseille School of Economics, *Congrès de la Société Canadienne de Sciences Économiques* (Quebec), ESSEC Research Day (Cergy)

2022: Computational and Financial Econometrics (London)

2021: (* = remotely due to COVID-19) Aix-Marseille School of Economics, GAEL (Grenoble), *Journée Big Data, Médias et Politique Monétaire* (Paris), North American Summer Meeting of the Econometric Society*, Annual Conference of the Canadian Economics Association*, Africa Meeting of the Econometric Society*, CY Cergy Paris Université*

2020: (Remotely due to COVID-19) Applied Young Economist Webinar (Melbourne), World Bank (Washington, DC)

2019: Annual Conference of the Canadian Economics Association (Banff), R Conference (Quebec), *Congrès de la Société Canadienne de Sciences Économiques* (Quebec), CRED Seminar (Namur), 8th PhD Student Conference in International Macroeconomics and Financial Econometrics (Nanterre)

Software

- CDatanet — An R package for Econometrics of Network Data
- PartialNetwork — An R package for Estimating Peer Effects Using Partial Network Data (*with Vincent Boucher*)

Teaching

- Econometrics of Panel Data and Instrumental Variables, Graduate, CY Cergy Paris Université (Fall 2021–24)
- Introduction to Econometrics, Undergraduate, CY Cergy Paris Université (Fall 2023–24)
- Microeconomics II, Undergraduate, CY Cergy Paris Université (Winter 2022–23)
- Introduction to Python, Graduate, CY Cergy Paris Université (Fall 2023–24)
- Programming for Data Management and Analysis, Graduate, CY Cergy Paris Université (Fall 2024)

Referee Activities

Journal of Econometrics, Journal of Applied Econometrics, Journal of Human Resources, Economic Journal, Journal of Economic Behavior and Organization, Regional Science and Urban Economics

Graduate Supervision

Master's research report: Laurie Dexant (CY Cergy Paris Université, 2022)