

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

EDUCATION

Ph.D. in Economics, Université Laval, Canada	2016–2021
Engineering Degree in Statistics and Economics, <i>Distinction: ranked 1st out of 27</i> Ecole Nationale de la Statistique et de l'Analyse Economique (ENSAE), Senegal	2013–2016
B.Sc in Statistics, University of Abomey-Calavi, Republic of Benin	2010–2013

ACCEPTED AND PUBLISHED PAPERS

4. Houndetoungan, A. (2026). Count Data Models with Heterogeneous Peer Effects under Rational Expectations. Forthcoming in the *Journal of Applied Econometrics*
3. Boucher, V. & Houndetoungan, A. (2025). Estimating Peer Effects using Partial Network Data. Forthcoming in the *Review of Economics and Statistics*.
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

3. Identifying Peer Effects in Networks with Unobserved Effort and Isolated Students (with Cristelle Kouame and Michael Vlassopoulos) – *R&R, Journal of Applied Econometrics*
2. Inference for Two-Stage Extremum Estimators (with Abdoul Haki Maoude)
1. Quantile Peer Effect Models

SELECTED WORK IN PROGRESS

4. Friendship Networks and Social Diversity at School: Evidence from a Desegregation Program (*with Ghazala Azmat, Yann Bramoullé, Julien Grenet, Élise Huillery, and Youssef Souidi*)

3. Overlapping Ownership and Competition in Central Bank Auctions (*with Mathieu Marcoux*)
2. Asymmetries in Peer Effects for Continuous Outcomes (*with Mathieu Lambotte*)
1. Partially Identifying Peer Effects Models with Mismeasured Network Data (*with Ismael Mourifié*)

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

- 2026: *Université de Sherbrooke* (scheduled), Concordia University (scheduled)
- 2025: Washington University in St Louis, Paris Econometrics Seminar, ZEW Research Seminar (Mannheim), *Université Laval*
- 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

- **QuantilePeer**: Simulating and Estimating Quantile Peer Effect Models, R Package
- **PartialNetwork**: Estimating Peer Effects Using Partial Network Data (*with Vincent Boucher*), R Package
- **CDatanet**: Econometrics of Network Data, R Package
- **vMF**: Sampling from the von Mises-Fisher Distribution, R Package

TEACHING

- Econometrics of Panel Data and Instrumental Variables, Graduate, CY Cergy Paris Université (2021–2024)
- Introduction to Econometrics, Undergraduate, CY Cergy Paris Université (2023–2024)
- Microeconomics II, Undergraduate, CY Cergy Paris Université (2022–2023)

- Introduction to Python, Graduate, CY Cergy Paris Université (2023–2024)
- Programming for Data Management and Analysis, Graduate, CY Cergy Paris Université (2024)

REFEREE ACTIVITIES

Journal of Econometrics, Journal of Applied Econometrics, Econometric Reviews, Journal of Human Resources, Economic Journal, Social Science & Medicine, Annals of Economics and Statistics, Journal of Economic Behavior and Organization, Empirical Economics, Regional Science and Urban Economics

GRADUATE SUPERVISION

Sèlidji Nesta Olatundji Kouzounhoue (main advisor), Ph.D., Université Laval (ongoing)

Nantenaina Juliana Salava (main advisor), M.Sc., Université Laval (ongoing)

Matenin Yasmine Bamba (main advisor), M.Sc., Université Laval (ongoing)

Laurie Dexant (main advisor), M.Sc., CY Cergy Paris Université (completed, 2022)