

# 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

<b>Ph.D.</b> in Economics ( <i>with honors</i> , GPA: 4.32/4.33), Université Laval, Canada	2016–2021
<b>Engineering Degree</b> in Statistics and Economics, <i>Distinction: ranked 1st out of 27</i> <i>Ecole Nationale de la Statistique et de l'Analyse Economique (ENSAE), Senegal</i>	2013–2016
<b>B.Sc</b> in Statistics, University of Abomey-Calavi, Republic of Benin	2010–2013

## ACCEPTED AND PUBLISHED PAPERS

3. Boucher, V. & Houndetoungan, A. (2025). Estimating Peer Effects using Partial Network Data. *Accepted, 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

4. Count Data Models with Heterogeneous Peer Effects under Rational Expectations – **R&R**, *Journal of Applied Econometrics*
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

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

5. Overlapping Ownership and Competition in Central Bank Auctions (*with Mathieu Marcoux*)
4. Physicians' Financial Incentives (*with Damien Echevin*)
3. Quasi-Maximum Likelihood Estimator for Peer Effect Models with Partial Network Data
2. Peer Effects in Active Labor Market Policies (*with Jérémy Hervelin*)
1. Asymmetries in Peer Effects for Continuous Outcomes (*with Mathieu Lambotte*)

## FELLOWSHIPS AND AWARDS

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|---|-----------|
| • Honor Roll, Faculty of Graduate and Postdoctoral Studies                | 2021      |
| • World Bank Group Fellowship, Africa Region                              | 2020      |
| • Scholarship, <i>Fonds de Recherche du Québec – Société et culture</i>   | 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

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- 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

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- [CDatanet](#) — An R package for Econometrics of Network Data
- [QuantilePeer](#) — An R Package for Estimating Models with Quantile Peer Effects
- [PartialNetwork](#) — An R package for Estimating Peer Effects Using Partial Network Data (*with Vincent Boucher*)
- [QuantilePeer](#) — An R package for Simulating and Estimation Quantile Peer Effect Models

## TEACHING

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- 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**

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

## **GRADUATE SUPERVISION**

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

Laurie Dexant (main advisor): Master 2, CY Cergy Paris Université (completed 2022)