

ÉLYSÉE ARISTIDE HOUNDETOUNGAN

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GENERAL INFORMATION

Current Position	Ph.D. Candidate in Economics at Université Laval, Quebec City, Canada
Fields	Econometrics, Social Networks and Applied Microeconomics
Affiliation	Centre de Recherche sur les Risques, les Enjeux économiques et les Politiques publiques
It Abilities	R, C++, SAS, sql, VBA, Python, Julia, Stata, Latex, Matlab, Linux
Languages	English (fluent), French (native)

EDUCATION

- **Ph.D. Candidate** in Economics 2021 (Expected)
Laval University Quebec, Canada
Dissertation: "Essays on Social Networks and Time Series with Structural Breaks"
GPA: 4.32/4.33
- **Engineering Degree** in Statistics and Economics (*Top of the class*) 2016
National School of Statistics and Economic Analysis (ENSAE) Dakar, Senegal
- **B.Sc** in Statistics 2013
University of Benin Cotonou, Benin

PUBLISHED PAPERS

- Selective Linear Segmentation for Detecting Relevant Parameter Changes (*with Arnaud Dufays and Alain Coen*), *Journal of Financial Econometrics*, Forthcoming.

WORKING PAPERS

- Count Data Models with Social Interactions under Rational Expectations.
- Estimating Peer Effects using Partial Network Data (*with Vincent Boucher*).

WORK IN PROGRESS

- Networks in Repo Auction
- Hospital Length of Stays, Readmissions and Deaths: A Multiple Spell Survival Analysis, (*with Damien Echevin and Bernard Fortin*)

FELLOWSHIPS AND AWARDS

- World Bank Group Fellowship, Africa Region 2020
- Scholarship of *Fonds de Recherche du Québec - Société et culture* 2018-Now
- Tadek Matuszewski Fellowship, Department of Economics, Université Laval 2016-2017

- Doctoral Fellowship of excellence, Social Sciences Faculty, Université Laval 2016-2017
- Scholarship of excellence for B.Sc, Université d'Abomey Calavi, Benin 2010-2013

WORK EXPERIENCE

- Consultant, World Bank, Education Global Practice, Washington DC, USA 2020 - 2021
- Research Assistant, Université Laval, Economics Department, Canada 2019 - 2021
- Research Assistant, Université Laval, Finance Department, Canada Sep-Dec 2019
- Teaching assistant (Econometrics, Graduate students), Université Laval, Canada Sep-Dec 2017
- Internship, West Africa States Central Bank (BCEAO), Benin Jul-Oct 2015
- Internship, Directorate-General for Economic Affairs (DGAE), Benin Jun-Sep 2013

INVITED TALKS, CONFERENCES, WORKSHOPS

- 2021: CY Cergy Paris University.
- 2020: World Bank, Laval University, Applied young economists webinar at Monash Université.
- 2019: 53rd Annual Conference of the [Canadian Economics Association](#), R conference at Quebec, 59^e congrès de la [Société Canadienne de Sciences Économique](#), CRED workshop in Belgium, 8th PhD Student Conference in International Macroeconomics and Financial Econometrics in France, Laval University.
- 2017: 22nd Day-Conference for Statistical Analysis Software (SAS) Users in Quebec City.

SOFTWARE

- [CDatanet](#) — An R package for estimating Network Models with Count Data
- [PartialNetwork](#) — An R package for estimating Peer Effects Using Partial Network Data (*with Vincent Boucher*)

REFERENCES

Vincent Boucher	Laval University	vincent.boucher@ecn.ulaval.ca
Bernard Fortin	Laval University	Bernard.Fortin@ecn.ulaval.ca
Tyler H. McCormick	University of Washington	tylermc@uw.edu