

# ÉLYSÉE ARISTIDE HOUNDETOUNGAN

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## GENERAL INFORMATION

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Current Position    Researcher at the CRREP, Quebec City, Canada  
Fields                Econometrics, Social Networks, and Applied Microeconomics  
Affiliation           Laval University & CRREP  
It Abilities           R, C++, SAS, sql, VBA, Python, Julia, Stata, Latex, Matlab, Linux  
Languages           English (fluent), French (native)

## EMPLOYMENT

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- **Assistant Professor of Economics** starting in September 2021  
*CY Cergy Paris Université* Cergy, France

## EDUCATION

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- **Ph.D.** in Economics (*with honor, excellent rating unanimously by the jury*) 2016-2021  
*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 (*Distinction: ranked 1st out of 27*) 2013-2016  
*National School of Statistics and Economic Analysis (ENSAE)* Dakar, Senegal
- **B.Sc** in Statistics 2010-2013  
*University of Benin* Cotonou, Benin

## PUBLISHED PAPERS

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

## WORKING PAPERS

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

## NON-ACADEMIC EXPERIENCE

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- 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

## WORK IN PROGRESS

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- Networks in Repo Auction (*with Mathieu Marcoux and Wilfried Houedokou*)
- Hospital Length of Stays, Readmissions and Deaths: A Multiple Spell Survival Analysis, (*with Damien Echevin and Bernard Fortin*)
- Physicians' Financial Incentives (*with Damien Echevin*)

## FELLOWSHIPS AND AWARDS

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

## INVITED TALKS, CONFERENCES, WORKSHOPS

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- 2021: (all online) North American Summer Meeting of the Econometric Society, Annual Conference of the Canadian Economics Association, Africa Meeting of the Econometric Society, CY Cergy Paris University.
- 2020: (all online) Applied young economists webinar at Monash University, Laval University, World Bank.
- 2019: Annual Conference of the Canadian Economics Association, R conference at Quebec, *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: Day-Conference for Statistical Analysis Software (SAS) Users in Quebec City.

## SOFTWARE

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- [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*)

## REFeree ACTIVITY

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Journal of Human Resources

## TEACHING

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- Econometrics of Panel Data and Instrumental Variables (Instructor), Graduate, Cy Cergy Paris University, later in Fall 2021
- Microeconomics II (Instructor), Undergraduate, Cy Cergy Paris University, later in Winter 2022