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Date of birth: Feb. 7, 1984

Nationality: French

Marital status: Single



Areas of interest: Statistician Economist, Ph.D. in Agricultural Economics, with interests in Microeconomic modelling of crop production, panel data, statistics and data analysis. Currently teacher-assistant (part-time) in Economics at the University of Grenoble.

Education

- 2017 – 2022 **PHD IN ECONOMICS AT INRAE, UMR SMART**, Rennes, France.
Thesis title : *Economic assessment of crop successions and cropping systems: an empirical analysis*. Supervisors : [Alain Carpentier](#) and [Fabienne Femenia](#).
Thesis committee: [Jean-Paul Chavas](#) (Univ. of Wisconsin-Madison) and [Michel Simioni](#) (INRAE, UMR MOISA and TSE) and [Thierry Brunelle](#) (CIRAD) and [Adélaïde Fadhuile](#) (Univ. of Grenoble-Alpes) and [Aude Ridier](#) (Institut Agro Rennes Angers).
- 2016 – 2017 **RESEARCH MASTER: DEVELOPMENT ECONOMICS AT UNIVERSITY OF PARIS 1 PANTHEON SORBONNE**, Paris, France.
- 2013 – 2014 **RESEARCH MASTER : EMPIRICAL AND THEORETICAL ECONOMICS (DUAL DEGREE)** OBTAINED AT **UNIVERSITY OF PARIS 1 PANTHEON SORBONNE**, **ECOLE NORMALE SUPÉRIEURE DE CACHAN** AND **PARIS SCHOOL OF ECONOMICS**, Paris, France.
- 2009 – 2012 **DIPLOMA OF STATISTICIAN ECONOMIST ENGINEER**, OBTAINED AT **NATIONAL INSTITUTE OF STATISTICS AND ECONOMY (ENSAE)**, Dakar, Senegal.
- 2002 – 2005 **ADVANCED TECHNICIAN DIPLOMA (PROGRAMMER-ANALYST) IN BUSINESS COMPUTING** OBTAINED ON MAY 19th, 2006 AT **ECOLE NATIONALE D'ÉCONOMIE APPLIQUÉE ET DE MANAGEMENT (ENEAM)**, Cotonou, Benin.
- 2001 – 2002 **HIGH SCHOOL DIPLOMA**, OBTAINED AT **LYCÉE MATHIEU BOUKÉ**, Parakou, Benin.

Work Experience

- 2022
(2022.12-2023.8) **UNIVERSITÉ DE GRENOBLE-ALPES**, Teacher assistant in Economics.
For undergraduate students (1st to 3rd year of bachelor in Economics and Management).
- 2019
(2019.9-2019.12) **UNIVERSITY RENNES 1**, Lecturer in VBA Excel (Visual Basic for Application).
For undergraduate students (3rd year of bachelor in Economics).
- 2019
(2019.9-2020.9) **L'INSTITUT AGRO RENNES ANGERS**, Teacher assistant in Macroeconomics.
For undergraduate students (3rd year of bachelor). Under the supervision of Prof. [Marilyne Huchet](#).
- 2017
(2017.4 - 2018.6) **THE WORLD BANK**, Short-Term Consultant.
In the Development Impact Evaluation (DIME) team, I carried out under the supervision of [Mattea Stein](#) (PhD student) and Dr. [Florence Kondylis](#) the following tasks : administrative and primary data cleaning, datasets matching using fuzzy matching on string variables, updating the analysis plan of the firm-survey data, carrying out descriptive and regression analysis.
- 2015 – 2016
(2015.10-2016.7) **INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE (IFPRI)**, Consultant.
I performed under the supervision of Prof. [Tanguy Bernard](#) and Dr. [Melissa Hidrobo](#), the following tasks : questionnaire design, coding and maintaining in CSPro. Training and monitoring enumerators during data collection in Richard Toll, Senegal. Compiling and processing large datasets. Leading the collection of anthropometric data. Production of charts and tables for eventual publications.
- 2015
(2015.9-2015.10) **ECOLE NORMALE SUPÉRIEURE DE CACHAN**, Research assistant.
Hired by Prof. [Hubert Kempf](#) and working under the supervision of [Thomas Vendryes](#) on the estimation and testing of households' risk preferences using the Townsend's Thai data.

- 2014 – 2015 [NATIXIS \(PARIS\)](#), Intern assistant econometrician.
 (2014.11-2015.4) At the office of the chief economist [Patrick Artus](#), I performed the tasks of : searching economic time series; statistics calculations; updating the local database; plotting graphs.
- 2014
 (2014.4-~.5) [SCIENCE PO/LIEPP \(PARIS\)](#), Research assistant.
 I worked in a project named : "Social mediation against violence in schools". Under the supervision of the chief of Project [Axelle Charpentier](#), I performed the following tasks : Calling the officials of National Education to request their authorisation to call the head of schools and colleges; Calling the officials of schools and colleges to explain the survey's goals and protocol, scheduling a date to survey the students; Data collection at the agreed date, including socio-demographic information collected with Stata; Reporting to the supervisor of the events occurred during the survey.
- 2014
 (2014.1-~.5) [UNIVERSITY PARIS 1 PANTHEON SORBONNE](#), Teacher assistant.
 Statistics for undergraduate students (2nd year of bachelor in Economics). Under the supervision of the Professors [Fabrice Rossi](#) and [Fabrice Lelec](#).
- 2013
 (2013.10-2014.4) [UNIVERSITY PARIS 2 PANTHEON ASSAS](#), Teacher assistant.
 Mathematics and Statistics for undergraduate students (1st year of bachelor in Economics). Under the supervision of Professor [Olivier Cardi](#).

Research

- 2022 (**submitted to ERAE**) WITH [FABIENNE FEMENIA](#), [PHILIPPE KOUTCHADE](#) AND [ALAIN CARPENTIER](#).
On the economic value of the agronomic effects of crop diversification for farmers: estimation based on farm cost accounting data.
- 2022 WITH [FABIENNE FEMENIA](#), [ALAIN CARPENTIER](#) AND [ALEXANDRE GOHIN](#).
A smooth MPEC approach for uncovering crop rotation effects: We propose a smooth Mathematical Programming with Equilibrium constraints (MPEC) approach to estimate the effects of previous crops on yield and input uses of current crop when crop sequence acreages are not observed in farm data. The economic assumption for identifying the effects of interest is the usual rationality assumption. We test the finite sample properties of the proposed estimator and it exhibits good statistical properties. The approach is then tested on farm data, but yields less convincing results.
- 2019 [ALAIN CARPENTIER](#).
On the economics of crop rotation diversification: pre crop effects, cropping system effects and crop diversification opportunity costs: We present a simple approach for analyzing the economic value of crop rotation diversification, relying on basic economic calculus and data describing the technical performances of crop rotation with various degree of diversity in comparable production conditions. We show that the economic value of a diversification crop can be usefully decomposed into the sum of three components: the opportunity value of producing the diversification crop, the value of the pre crop effects and that of the cropping system effects implied by the insertion of the diversification crop in the rotation. The approach is illustrated by means of an application considering the insertion of pea in a cereal-based rotation, a topic of special interest in the EU.
- 2017 MASTER THESIS.
The dynamics of skill formation in a developing country : evidence from Ethiopia. Young Lives student paper.

Scholarships and Awards

- National Competition of Orthography (Edition of 1995, ranked 3rd) organized by the Beninese Center of Foreign Languages (CE.BE.LA.E).
- Admitted at Ecole Nationale d'Economie Appliquée et de Management (ENEAM) on September 2002, after a highly competitive national admission process (18 places, ranked 3rd). Awarded a scholarship from the government of Benin.
- Admitted at Ecole Nationale de la Statistique et de l'Analyse Economique (ENSAE) of Dakar, one of Senegal's leading school in the fields of statistics and econometrics, following a highly-competitive selection process organized from Paris by [CAPESA](#) (Centre d'Appui aux Ecoles de Statistique Africaine). Awarded a scholarship from the government of Benin.
- National Contest of Computer Programming (Edition of 2009, ranked 4th) organized by MapCom Technologies.

Participation to conferences with presentation of paper

- Triennial congress of the European Association of Agricultural Economists (EAAE), held (online) in Prague (Czech Republic) from July 20th to July 23th 2021.
- European conference on crop diversification (ECCD), held in Budapest (Hungary) from September 17th to September 20th 2019.
- French Association of Environmental and Resource Economists (FAERE) conference, held in Rennes (France) from August 29th to August 30th 2019.
- European Association of Agricultural Economists (EAAE) PhD workshop, held in Uppsala (Sweden) from June 10th to June 12th 2019.
- Triennial conference of the International Association of Agricultural Economists, held in Vancouver (Canada) from July 28th to August 2nd 2018.
- International Monetary Fund (IMF), AFRITAC de l'Ouest seminar on the topic : ERETES, a tool for the development of national accounts. Held in Cotonou (Benin) from July 15th to July 19th 2013.

Language and Computer Skills

French: mother tongue.

English: fluent.

- Good knowledge of Stata, Matlab, GAMS, CSPro, R, Excel (VBA), Eviews, SPSS.
- Good knowledge of Microsoft Windows and Linux Debian environments.

I hereby certify that, to the best of my knowledge, all information provided in this document is accurate.