

Arthur Heim

POSTDOCTORAL RESEARCHER, FRENCH NATIONAL FAMILY ALLOWANCE FUND (CNAF)

Paris, France

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I am an applied economist specialising in public policies to reduce inequalities and poverty in France. My work focuses on using microeconometrics and field experiments to study the effects of active labor market policies for single mothers and how administrative support and information can improve access to early childcare. I also use market design and implement fair assignment mechanisms for daycare seats in French municipalities.

Experiences

CURRENT POSITION(S)

Research and evaluation officer

Paris (France)

NATIONAL FAMILY ALLOWANCE FUND (CNAF)

Mar 2023–Present

- I work in the research and statistics department of the institution in charge of all family, disability, housing and minimum income allowances in France. I use these administrative data for policy evaluations and research.
I designed and ran a randomised control trial of a welfare-to-work programme for single mothers on long term welfare.
I set-up a multi-site large scale market design experiment in a partnership with École polytechnique to assign daycare seats for local governments in France.

PAST EXPERIENCES

Scientific advisor

Paris (France)

FRANCE STRATÉGIE

Mar 2019–Feb 2022

- I was a member of the evaluation committee of the national anti-poverty strategy and provided many literature reviews, notes and proposals.

PhD candidate and project manager

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Mar 2019–Feb 2022

Project manager

Paris (France)

FRANCE STRATÉGIE

Mar 2016–Feb 2019

Project manager

Paris (France)

NATIONAL COUNCIL OF SCHOOL SYSTEM EVALUATION (CNESCO)

Feb 2014–Feb 2016

Education

PhD in Economics

Paris School of Economics - EHESS

ANALYSIS AND ECONOMIC POLICIES (APE)

2019-2024

- PhD thesis: *Social investment and the changing face of poverty: Essays on the design and evaluation of social and family policies in France*
PhD advisor: Marc Gurgand ; Jury: Anne Boring, Rafael Lalive, Camille Terrier, Karen Macours

Master in Economics

Paris School of Economics - EHESS

PUBLIC POLICIES AND DEVELOPPEMENT (PPD)

2012-2013

- Master thesis: *Public sector as a shelter ? The impact of graduating in a recession on selection into public employment.*
Advisor: Eric Maurin

Bachelor in Applied Economics

Dauphine University, Paris

INTERNATIONAL ECONOMICS AND DEVELOPMENT

2008-2011

University diploma

Dauphine University, Paris

MANAGEMENT AND ECONOMICS

2008-2010

High School diploma

Lycée La Haie Grisele

SCIENCE TRACK

2007

Skills

Fields	Analytical	Programming	Software/Tools	Languages
Labour economics	Applied econometrics	R	Rstudio	French (<i>native</i>)
Economics of Education	Market design	RMarkdown	LaTeX	English (<i>fluent</i>)
Early childhood	Machine learning	Matlab	Stata	
Gender economics		Python		

Teaching experiences

Teacher assistant: Evaluating public policies

SCIENCES PO PARIS

- Teacher assistant of Professor Denis Fougère, 20h supplementary lectures on applied econometrics using R.

Master I: Public Affairs

S2 2018–S2 2023

Assistant professor (temporary)

DAUPHINE

- 36h Course jointly organised with Clément Lacouette Fougère on public policy evaluations from an economic perspective (18h) while the other part of the class was based on qualitative evaluation

Master II: Public policies and opinions

S2 2020–S2 2021

Guest lecturer: Macroeconomics

DAUPHINE

- 36h course on macroeconomics of open economies and monetary unions + history of the Eurozone.

2nd year bachelor Economics and management

S2 2013–S2 2014

Most recent or ongoing research

PHD THESIS

Social investment and the changing face of poverty

A GENERAL INTRODUCTION

Thesis chapter: 2024

- I introduce and motivate the general framework of my PhD by discussing structural changes in education, gender dynamics and politics. I discuss the main contributions of each chapter.

Rage against the matching

With Julien Combe

FAIRNESS AND INEQUALITIES IN A MARKETDESIGN EXPERIMENT OF DAYCARE ASSIGNMENTS IN FRANCE

Pre-print: 2024

- We use market design to define assignment mechanisms for the daycare market. We conduct a field experiment using them in France and analyse who gets what and why.

Welfare to what ?

EXPERIMENTAL EVALUATION OF AN ACTIVATION PROGRAMME FOR SINGLE MOTHERS IN POVERTY IN FRANCE

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- I evaluate a randomised experiment of an intensive welfare-to-work programme targetting single parents on long-term welfare in France. I find no effect on labour market participation and poverty after the end of the programme.

Tax burden on the poor

With Alexandra Galitzine

SINGLE MOTHERS' OPTIMISATION BEHAVIOURS FOLLOWING AN EXPERIMENTAL ACTIVATION PROGRAMME IN FRANCE

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- We challenge the idea that the French tax-benefit system "make work pay" for single parents and analyse reactions following a randomised intensive welfare-to-work programme. Using instrumental distribution regression, we find strong reactions at the intensive margin consistent with the incentives of the tax benefit system.

ONGOING RESEARCH

Mitigating the socioeconomic gap in early childcare enrolment

With Laudine Carbuccia, Carlo Barone and Coralie Chevalier

EVIDENCE FROM A MIXED-METHOD, MULTI-ARM RANDOMISED EXPERIMENT

Ongoing: 2024-2025

- We recruited 1850 pregnant mothers in 7 maternity wards around Paris and randomly assigned them to either receive information on childcare (T1), placebo informations on babies' well-being (C) or information and personalised administrative support for applications (T2). Information has no effect on average but administrative support increases application and access to daycare. However, the increased access to daycare only concerns the high-education group.

The effect of active labour market policies on single mothers' subjective well-being

With Saad Loutfi

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Ongoing: 2024-2025

- We conducted three waves of survey across 4 cohorts of the Reliance randomised experiment. We analyse the effect of the programme on participants well-being at different moments after the end of the programme.

- We used algorithm to assign daycare seats to 20 000 households and we match these data with that of the family allowance fund. We analyse the effect of accessing daycare on labour market participation, couple stability and subsequent inequalities.

Publications

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The effect of accessing daycare on households' earnings

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