

Antoine Jacquet

PhD candidate, Toulouse School of Economics

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Nationality: French

EDUCATION

2017–present PhD candidate in Economics, *Toulouse School of Economics*
2016 MSc in Quantitative Economic History, *London School of Economics (LSE)*
2015 Engineer, *Ecole Polytechnique*
2012 Preparatory classes in Mathematics and Physics, *Lycée Malherbe, Caen*

RESEARCH INTERESTS

Cultural economics, Evolution of economic behavior, Economics of religion

RESEARCH EXPERIENCE

2017–present PhD candidate, *Toulouse School of Economics*
Advisor: Prof. Paul Seabright

- Main Working Paper: “Intermarriage and Cultural transmission: theory and evidence from the Solomon Islands”

I design a new theoretical model of cultural transmission and marriage decisions which takes into account parental competition in the socialization process of the children. When mothers and fathers differ in their efficiency to pass on their cultural traits, one gender has more to lose from intermarrying. In this case, cultural norms must compensate this imbalance by imposing a high intermarriage cost on the more efficient gender. I use micro-level data ($\simeq 800$ individual observations) to support the hypotheses of my model and to test its predictions.

- Other work in progress:
 - “Explaining balanced polymorphisms”
 - “Conformity in the mating process: the overlooked social component of animal and human culture,” with Sabine Nöbel, Paul Seabright, and Etienne Danchin

2019 Field researcher, *University of New South Wales (UNSW)* Choiseul, Solomon Islands
Project supervised by Prof. Pauline Grosjean (UNSW): “Gendered economic specialisation in production: evidence from the Solomon Islands”

- Managed a team of 4 locally-hired enumerators to conduct a survey of 19 communities over the span of 3 months.
- In a collaborative project with Prof. Pauline Grosjean and Prof. Sarah Walker (UNSW), we plan to leverage the difference in the norms of land transmission in the Solomon Islands (matriliny vs. patriliney) to study their effect on personal networks, especially across genders.

- 2016 Master's dissertation, *Department of Economic History at LSE*
 Title: "The emergence of the temple as an economic agent in ancient Mesopotamia"
 – Revisited with an economic perspective the existing archeological and anthropological theories explaining the predominant role of ancient Mesopotamia's temples in production and trade; provided theoretical support for the hypothesis that an economic elite eventually assumed religious functions in ancient Mesopotamia to scale up their labor force, thus endowing the temple with administrative responsibility over production.
 – Awarded a Brilliant Distinction by the Department of Economic History at LSE
- 2015 Research intern, *French Institute of Pondicherry* Pondicherry, India
 Master's thesis: "Historical and prospective study of the Franco-Pondicherrian population"
 – Historical and sociological review of the French population in South India, involving fieldwork as well as interviews with members of the community and French officials; followed by a demographic prospective analysis involving digitization by hand of archival data, creation of a theoretical model of population evolution, and simulation of dynamics using R.
 – Published summary: **A. JACQUET**, A. VARREL, A. RICHARD-FERROUDJI, "Quand les migrants sont français : la population française de Pondichéry," Cahiers des IFRE n°3, 2016, p. 58–67.
- 2014 Student group project in Economics, *Ecole Polytechnique*
 Title: "What if France exploited its shale gas? A model for gas prices"
 – At a time when France was debating whether to exploit its shale gas, we examined the impact of a supply shock on the dual European gas market (futures and spot markets), with both computer simulations and a theoretical model where a national distributor adjusts its orders based on price.
 – Award for best project of the year from the Department of Economics at Ecole Polytechnique
- 2012 BSc thesis: "Theoretical and practical aspects of fixed point theorems"

SCHOLARSHIPS, FUNDINGS, HONORS

- 2017–present Doctoral scholarship, *Institute for Advanced Study in Toulouse*
- 2018, 2019 Funded participation to the ASREC Graduate Workshop, *Chapman University*
- 2016 LSE Faith & Leadership Certificate
 – LSE selective program combining global religious literacy and leadership development
- 2012–2016 State scholarship, *Ecole Polytechnique*

TEACHING

- Fall 2018, 2019 *Game theory* (1st year master), Teaching Assistant
- Winter 2019, 2020 *Mathematics for Economics* (1st year bachelor), Teaching Assistant

OTHER WORK EXPERIENCE

- 2014 Summer intern, Group Strategy & Business Development, *Generali* Milan, Italy
- 2012–2013 Officer cadet, six-month internship, *Gendarmerie nationale* Dijon, France
- 2009 Summer intern, *Natixis* Caen, France

LANGUAGES, COMPUTER SKILLS, PERSONAL INTERESTS

- | Languages | Computer skills | Personal interests |
|--------------------------------------|---------------------------------|---------------------------------------|
| <i>French</i> – native | R, Stata, MATLAB, | Swimming (former national |
| <i>English</i> – fluent | L ^A T _E X | contestant), |
| <i>Italian</i> – intermediate | | Travelling (I notably lived in Italy, |
| <i>Persian</i> – Dehkhoda Institute: | | India, the UK, Iran, the Solomon |
| elementary II, grade 100/100 | | Islands) |