

# Antoine Jacquet

PhD candidate, Toulouse School of Economics

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Nationality: French

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## 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*

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## RESEARCH INTERESTS

Economics of culture, Matching models, Evolution of preferences and economic behavior

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## RESEARCH EXPERIENCE

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

- “Culture, human capital, and marital homogamy in France” (expected JMP)

I build a model of household decision-making in which parents consume a private good, and also care about passing on their culture to their children. To do so, the parents must trade off their labor supply against time devoted to intergenerational cultural transmission. First, I study the optimal time allocations of the households. In culturally homogamous households, the parents’ objectives are aligned and a standard Beckerian argument applies for the optimal division of tasks: the parent with lower labor market returns should spend more time with the children. In heterogamous households however, a horizontal differentiation problem arises since parents wish to pass on different cultures: in this case, cultural transmission is entrusted to the parent who has the strongest will to transmit their culture. The model in turn predicts culturally assortative matching on the marriage market, and is able to explain other robust empirical facts such as mothers being better cultural vectors than fathers in average. I then confront the model to survey data on religion from France. Descriptive evidence notably suggests that parental education is negatively correlated with religious homogamy, and with successful cultural transmission to the children. In ongoing work, I estimate the structural parameters of the model using two different kind of population moments: (1) the marriage patterns across religions, by embedding the model in a matching framework à la Choo & Siow (2006), and (2) the religious transmission patterns.

- Other work in progress:
  - “The economic impact of veil bans: theory and evidence from France,” with S. Montpetit
  - “Explaining balanced polymorphisms”
  - “Conformity in the mating process: the overlooked social component of animal and human culture,” with S. Nöbel, G. Isabel, P. Seabright, and E. Danchin

2019	Field researcher, <i>University of New South Wales (UNSW)</i> Project supervised by Prof. Pauline Grosjean – Managed a team of 3 enumerators to conduct a survey of 19 communities over the span of 3 months.	Choiseul, Solomon Islands
2016	Master’s dissertation, <i>LSE</i> Title: “The emergence of the temple as an economic agent in ancient Mesopotamia” – Awarded a Brilliant Distinction by the Department of Economic History at LSE	
2015	Research intern, <i>French Institute of Pondicherry</i> Master’s thesis: “Historical and prospective study of the Franco-Pondicherrian population” – Published summary: <b>A. JACQUET</b> , A. VARREL, A. RICHARD-FERROUDJI, “Quand les migrants sont français : la population française de Pondichéry,” Cahiers des IFRE n°3, 2016, p. 58–67.	Pondicherry, India
2014	Collective scientific research project (PSC) in Economics, <i>Ecole Polytechnique</i> Title: “What if France exploited its shale gas? A model for gas prices” – 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

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2020–present	Research & teaching scholarship, <i>Université Toulouse Capitole</i>	
2021	Math+Econ+Code workshop on equilibrium transport and matching models	
2020	Mobility grant, <i>Université Toulouse Capitole</i> (declined)	
2018, 2019	ASREC graduate workshop, <i>Chapman University</i>	
2017–2020	Doctoral scholarship, <i>Institute for Advanced Study in Toulouse</i>	
2016	LSE Faith & Leadership certificate – LSE selective program combining global religious literacy and leadership development	
2012–2016	State scholarship, <i>Ecole Polytechnique</i>	

## TEACHING

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Fall 2020, 2021	<i>Microeconomics</i> (3 <sup>rd</sup> year bachelor), Teaching Assistant	
Fall 2018, 2019	<i>Game theory</i> (1 <sup>st</sup> year master), Teaching Assistant	
Winter 2019, 2020	<i>Mathematics for Economics</i> (1 <sup>st</sup> year bachelor), Teaching Assistant	

## OTHER WORK EXPERIENCE

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

## LANGUAGES, COMPUTER SKILLS, PERSONAL INTERESTS

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