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CONTACT

INFORMATION

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UNDERGRADUATE

STUDIES

B.Sc. in Mathematical Methods in Economics, Moscow State University of Economics, Statistics and Informatics, 2008-2013

GRADUATE

STUDIES

Ph.D. in Economics, University of Alicante, September 2016 - Spring 2020 (expected)
Advisor: Anna Sanz-de-Galdeano (University of Alicante). Co-advisor: Nuria Rodriguez-Planas (CUNY, Queens College)
Thesis title: "Essays in Applied Microeconomics and Genomics"
M.Sc. in Quantitative Economics, University of Alicante, September 2014 - September 2016. Degree awarded with distinction (best master student award).

REFERENCES

Giorgio Brunello
Professor of Economics
Department of Economics and Management
University of Padova
Via del Santo 33
Padova, 35100, Italy
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Julián Messina
Lead Research Economist
Research Department
Inter-American Development Bank
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Núria Rodríguez-Planas
Professor of Economics
Department of Economics
Queens College, City University of New York
306-G Powdermaker Hall, 65-30 Kissena Blvd.
Queens, New York, 11367, USA
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Anna Sanz-de-Galdeano
Associate Professor in Economics
Department of Economics
University of Alicante
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FIELDS

Household Economics, Health Economics, Labor Economics, Genomics, Gender

ACADEMIC VISITS

Department of Economics and Management of the University of Padova, March-April 2019. Hosted by Giorgio Brunello

Research Department of the Inter-American Development Bank, Washington, D.C., February-June 2018. Hosted by Julian Messina

ADDITIONAL
TRAINING AND
SPECIALIZED
COURSES

Russell Sage Foundation Summer Institute in Social Science Genomics, Santa Barbara, June 2019

Short Course on Microeconometrics by J. Wooldridge. Inter-American Development Bank, Washington, D.C., May 30-June 1, 2018

Course “Big Data to Knowledge: approaches and tools for enabling value extraction from data”, University of Alicante, April 2017

“Strategies for drafting in English for research in human and social sciences”, University of Alicante, October-November 2016

Online-course from JPAL and MIT “The Challenges of Global Poverty”, September 2016

WORKING PAPERS

Job Market Paper: **“Sibling Differences in Educational Polygenic Scores: How do Parents React?”**, with Anna Sanz-de-Galdeano. Earlier version available as IZA Discussion Paper No. 12375

Abstract:

We take advantage of recent advances in behavioral genetics to revisit a classic question in economics: how do parents respond to children’s endowments and to differences in endowments among siblings? By means of a parental preference model we show that parental investment decisions depend both on parental preferences regarding inequality among their children and on how costly it is for parents to add to their children’s quality by investing in their human capital. Our empirical strategy allows us to isolate these two mechanisms, a distinction that cannot be made when relying on sibling or twin fixed-effects models. Importantly, we use genetic variants that predict educational attainment as a measure of children’s educational endowments. Individuals’ genetic makeup is fixed at conception, so these indicators cannot be affected by parental investment decisions. We find evidence that parents of non-twin siblings display inequality aversion and, given the absolute endowment level of one child, they invest more in him/her if his/her sibling is better-endowed. In contrast, parents of twins do not significantly react to endowment differences among their children, likely because it is difficult to provide differential parental investments across children of exactly the same age.

“Parental Human Capital Investment Responses to Children’s Disability”

Abstract:

One of the potential explanations for the well documented school participation deficit associated with disability is that parents underinvest in the education of disabled children. On the other hand, inequality averse parents may reduce the education gap associated with disability. This paper proposes a simple theoretical framework and an estimation strategy aimed at investigating whether parental decisions to invest in education of disabled children are driven by equality or efficiency. Even if parents are inequality averse, they may still choose to invest more in non-disabled than in disabled children if education of disabled individuals is more costly than education of non-disabled. This implies that comparisons of parental investments across siblings with different health conditions (such as the ones underlying sibling fixed effects models) do not necessary

yield an unambiguous conclusion about parental inequality aversion. By means of a general preference model, I show that variation in family size and children's disability can be used to infer whether parents are averse to inequality or if, instead, they care more about efficiency. In particular, I exploit the fact that parents of only children cannot possibly exhibit inequality aversion. I apply this identification strategy to Mexican cross-sectional data and find evidence that equality matters for parents, and that it does so more if they have sons than if they have daughters.

“Gender Norms in High School: Impacts from Adolescence to Adulthood”, with Nuria Rodriguez-Planas and Anna Sanz-de-Galdeano. Earlier version available as IZA Discussion Paper No. 116924

Abstract:

Engagement in risky behaviors is traditionally more prevalent among males than females, and the gap increases as youths move from adolescence to adulthood. Using the National Longitudinal Study of Adolescent to Adult Health, we identify a causal effect of exposure to high-school grade-mates with mothers who think that important skills for both boys and girls to possess are traditionally masculine ones (such as to think for oneself or work hard) as opposed to traditionally feminine ones (namely, to be well-behaved, popular, or help others) on the gender gap in teenagers' engagement in risky behaviors. We find that a higher proportion of grade-mates' mothers with non-traditional or non-stereotypical gender views who believe that independent thinking and working hard matter for either gender is associated with a reduction of the gender gap in risky behaviors both in the short and medium run. These results are driven by males curbing risky behaviors, suggesting that the relaxation of gender stereotypes results in boys behaving “more like girls”. In the long run, being exposed to grade-mates whose mothers have non-stereotypical gender beliefs reduces the gender gap in labor market outcomes by improving women's performance. This evidence, together with our exploration of several potential mechanisms, suggests that the transmission of gender norms is driving our results.

“Not Only in My Genes: The Fading-out Effects of High School Grade-mates' BMI Genotype on Obesity”, with Giorgio Brunello and Anna Sanz-de-Galdeano

Abstract:

We use data from three waves of Add Health to study the short- and long-run effects of high school grade-mates' genetic predisposition to high BMI – measured by average BMI polygenic scores - on adolescent and adult obesity in the U.S. We find that, in the short-run, a one standard deviation increase in these scores raises the probability of obesity for females by 2.8 percentage points, about half the size of the effect induced by a one standard deviation increase in one's own polygenic score. No significant effect is found for males. In the long-run, however, the social-genetic effect fades away, while the effect of one's own genetic risk for BMI increases substantially.

WORK IN
PROGRESS

“Ex-ante Evaluation of the Impact of Increases in Minimum Wages on Labor Market Outcomes in Kosovo”, with Monica Robayo-Abril (World Bank) and Stefanie Brodmann (World Bank), under revision.

“Same-Sex and Opposite-Sex Peer Effects in the Workplace: Evidence from Brazil”, with Julián Messina and Anna Sanz-de-Galdeano, in progress.

PUBLICATIONS

“The labor market in Spain, 2002-2016”, with Anna Sanz-de-Galdeano, IZA World of Labor, 2017: 403.

AWARDS, GRANTS, Spanish Economic Association PhD student grant, 2019
AND

SCHOLARSHIPS Russell Sage Foundation Grant for participation at the Summer Institute in Social-Science Genomics, 2019

Ph.D. scholarship, University of Alicante, September 2014-present

Scholarship for International Research Visit, University of Alicante, 2018

Best Master Student Award, University of Alicante, 2017

TEACHING EXPERIENCE

Statistics and Introductory Econometrics, B.Sc. course in Spanish (TA), University of Alicante, September 2018 - January 2019

Statistics, Ph.D. course in English (TA), University of Alicante, September 2017 - January 2019

Econometrics I, Ph.D. course in English (TA), University of Alicante, January 2017 - April 2017

Econometrics II, B.Sc. course in Spanish (TA), University of Alicante, September 2016 - January 2019

Intermediate Macroeconomics, B.Sc. course in Spanish (TA), University of Alicante, September 2015-January 2016

RESEARCH EXPERIENCE AND OTHER EMPLOYMENT

March 2018-June 2019 Short-term consultant, World Bank

Duties: Ex-ante evaluation of the impact of minimum wages on labor market outcomes in Kosovo; analysis of youth labor market outcomes in Kosovo and FYR Macedonia. References: Stefanie Brodmann (Senior Economist, World Bank), Monica Robayo (Economist, World Bank)

March 2017-June 2017 Short-term consultant, World Bank

Duties: Analysis of the Serbian Labor Force Survey and of the Montenegro Labor Force Survey. References: Josefina Posadas (Senior Economist, World Bank)

SEMINARS, CONFERENCES, AND WORKSHOPS

2019 Meeting of Society of Economics of the Household (SEHO), Lisbon, May 2019

Spring Meeting of Young Economists 2019 in Brussels, Belgium, April 2019

Invited Seminar at the University of Padova, Padova, Italy, March 2019

Invited Seminar at Universidad Pablo de Olavide, Sevilla, Spain, February 2019

32nd Annual European Society of Population Economics (ESPE) Conference, University of Antwerp, Belgium, June 2018

Invited Seminar at Inter-American Development Bank, Washington, DC, May 2018

Invited Seminar at CRES-Universitat Pompeu Fabra, Barcelona, Spain, February 2018

29th EALE Annual Conference, St.Gallen, Switzerland, September 2017

American-European Health Economics Study Group - II Edition, University of Oxford, UK, July 2017

QED Jamboree 2017, Pantheon-Sorbonne University of Paris, France, May 2017

REFEREE

ACTIVITY

Economics of Education Review, Plos One, Spring Meeting of Young Economists

LANGUAGE SKILLS **Russian** Mother Tongue

English Fluent (Written and Spoken)

Spanish Fluent. (Written and Spoken)

COMPUTER SKILLS Stata, Matlab, R, LaTeX, Microsoft Office

Basic knowledge: Wolfram Mathematica, Gretl

PERSONAL

DETAILS

Date of birth: September 29, 1991

Place of birth: Vladimir, Russian Federation

Citizenship: Russian