

# RAUL SANTAELALIA-LLOPIS

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Place of Birth : Algemés (Valencia), Spain  
Citizenship : Spanish

## Education

Ph.D. in Economics, University of Pennsylvania	2008
Thesis Advisor: Prof. José-Víctor Ríos-Rull	
M.Sc. in Economics, University College London	2002
B.A. in Economics, Universitat de Valencia	2000

## Current position(s)

Visiting Professor (Senior Fellow), University of Pennsylvania	Sep 2021 -
Beatriz Galindo Senior Researcher, Universitat Autònoma de Barcelona	Sep 2019 -
Affiliated Research Professor, Barcelona Graduate School of Economics	Sep 2016 -
CEPR Research Fellow	Sep 2020 -
MOVE Research Fellow	Sep 2016 -
Associate Professor (with tenure), Universitat Autònoma de Barcelona (UAB)	Sep 2018 -

## Previous Positions

Visiting Scholar OIGI, Minneapolis FED	Apr 2018 - 2019
Vice-Director, Markets Organizations and Votes in Economics (MOVE)	Jan 2017 - 2019
Assistant Professor, Universitat Autònoma de Barcelona (UAB)	Sep 2016 - 2018
Visiting Professor, CEMFI	Sep 2015 - 2016
Visiting Professor, Universitat de Valencia	Sep 2013 - 2016
Research Fellow, St. Louis FED	Sep 2010 - 2016
Research Fellow, Institute of Public Health, Washington University in St. Louis	Sep 2010 - 2016
Assistant Professor, Washington University in St. Louis	Sep 2008 - 2016

## Work in Progress

5. 'Excess of Transfer Progressivity in the Village', with Francesco Carli and Albert Rodriguez-Sala
4. 'Progressivity and Development', with Leandro de Magalhães and Enric Martorell
3. 'Resilient Kaldor: Growth Facts with Intellectual Property Products Capital', with S. Aum and D. Koh  
[First Draft available as \*Barcelona GSE Working Paper: 1029\*](#)
2. 'HIV Diffusion: Evidence from One Million Blood Tests', with Christian Aleman and Daniela Iorio
1. 'Education Disparities in the Battle Against Infertility: Theory and Evidence from IVF Success', with Daniela Iorio, Fane Groes, Anna Houstecka and Mallory Leung [First Draft (Empirics only)]

## Working Papers

3. 'A Stage-Based Identification of Policy Effects', with Christian Aleman, Chris Busch and Alex Ludwig  
*Barcelona GSE Working Paper: 1369*
2. 'Labor Dynamics and Actual Telework Use during Covid-19: Skills, Occupations and Industries' (2021)  
with Jean-Benoit Eymoud, Nicolas Petrosky-Nadeau and Etienne Wasmer  
*Barcelona GSE Working Paper: 1234*
1. 'Why Is Food Consumption Inequality Underestimated? A Story of Vices and Children,' (2017)  
with Yu Zheng.  
*Barcelona GSE Working Paper: 969*

## Manuscripts Under Revision for Resubmission

3. 'Countercyclical Elasticity of Substitution',  
with Dongya Koh.  
*Revise & Resubmit at Review of Economic Studies*
2. 'How Much are SVARs with Long-Run Restrictions Missing without Cyclically Moving Factor Shares'  
*Revise & Resubmit at Journal of Econometrics*
1. 'Education, HIV Status, and Risky Sexual Behavior: How Much Do the Stages of the HIV Epidemic Matter?',  
with Christian Aleman and Daniela Iorio  
*Reject & Resubmit at International Economic Review*

## Published Papers

12. "Land Misallocation and Productivity"  
with Chaoran Chen and Diego Restuccia.  
*American Economic Journal: Macroeconomics (Forthcoming)*
11. "Temping Fates in Spain: Hours and Employment in a Dual Labor Market during the Great Recession and Covid-19"  
with Cristina Lafuente and Ludo Visschers  
*SERIES (2022)*
10. "Contagion at Work: Occupations, Industries and Human Contact"  
with Dongya Koh and Anna Houstecka  
*Journal of Public Economics (2021)*
9. "The Effects of Land Markets on Resource Allocation and Aggregate Productivity"  
with Chaoran Chen and Diego Restuccia.  
*Review of Economic Dynamics (2022)*
8. "Labor Share Decline and Intellectual Property Products Capital"  
with Dongya Koh and Yu Zheng.  
*Econometrica (2020)*
7. "The Costs of Consumption Smoothing: Less Schooling and Less Nutrition"  
with Leandro De Magalhaes and Dongya Koh.  
*Journal of Demographic Economics (2019) [Leading article]*
6. "Natural Resources and Global Misallocation"  
with Alex Monge-Naranjo and Juan Sánchez,  
*American Economic Journal: Macroeconomics (2019)*

5. "The Price of Growth: Consumption Insurance in China 1989-2009"  
with Yu Zheng,  
*American Economic Journal: Macroeconomics* (2018) [Leading article]
4. "The Consumption, Income, and Wealth of the Poorest: An Empirical Analysis of Economic Inequality in Rural and Urban Sub-Saharan Africa for Macroeconomists"  
with Leandro De Magalhaes,  
*Journal of Development Economics* (2018)
3. "The Relationship between Age at First Birth and Mother's Lifetime Earnings: Evidence from Danish Register Data"  
with Mallory Leung and Fane Groes  
*PLoS ONE* (2016)
2. "Method versus Substance: Measuring the Effect of Technology Shocks on Hours"  
with José-Víctor Ríos-Rull, Frank Schorfheide, Cristina Fuentes-Albero and Max Kryshko,  
*Journal of Monetary Economics* (2012)
1. "Redistributive Shocks and Productivity Shocks"  
with José-Víctor Ríos-Rull,  
*Journal of Monetary Economics* (2010)

### Other Publications

4. "Economic activity and public health policy: A note on the COVID-19 pandemic" (2021),  
*Notes d'Economia*
3. "Contrasting U.S. and European Job Markets during COVID-19" (2021),  
with Jean-Benoit Eymoud, Nicolas Petrosky-Nadeau and Etienne Wasmer  
*FRBSF Economic Letter, Federal Reserve Bank of San Francisco, vol. 2021(05), pages 01-05, February.*
2. "Increasing and Decreasing Labor Shares: Cross-Country Differences in the XXI Century" (2019),  
with Sangmin Aum and Dongya Koh.  
*ICE: Revista de Economia*
1. "Should Capital Flow from Rich to Poor Countries?" (2019) ,  
with Alex Monge-Naranjo and Juan Sánchez  
*St. Louis FED, Review*

### Some Work in Progress

(Some papers available upon request)

5. "Optimal Tax Progressivity in a Union",  
with Sarah Zoi
4. "Insurance and Incentives in Times of AIDS",  
with Francesco Carli
3. "Eating Up Productivity: Optimal Social Insurance and Economic Growth",  
with Leandro De Magalhaes, Dongya Koh, Albert Rodriguez Sala and Yu Zheng.
2. "Balanced Growth Path and Preferences: There is No Need for CRRA Felicity Functions",  
with José-Víctor Ríos-Rull.
1. "Aggregate Effects of AIDS on Development"

### Funded Projects (Ongoing)

4. *Labor Share, Technological Revolutions, Inequality and Intellectual Property (LSTRIIP)*.  
Principal Investigator (PI). Europa Excelencia (100,000 EUR)

3. *Real-Time Economic Policy Against a Pandemic When Government and Agents are Learning.*  
Principal Investigator (PI). AGAUR Pandemias 2020 (219,560 EUR)
2. *Social Insurance Barriers to Economic Growth*  
Principal Investigator (PI), Barcelona GSE Seed Grant, 2017-2018 (10,000 EUR).  
Co-PI, La Caixa, Research Grant on Socioeconomic Wellbeing, 2018-2019 (20,000 EUR).  
Team Member, AcRF (Singapore) TIER 1 2021-2024 (85,000 EUR)
1. *Adoption of New Technologies, Social Insurance and Economic Growth*  
Principal Investigator (PI), Retos I+D+i, 2020-2023 (30,008 EUR)..

## Research Featured in the Media

VoxChina, Financial Times, Forbes, The economist 1853, The IGC Blog, U.S. News & World Report, PolitiFact, La Vanguardia, World Economic Forum, Center for Equitable Growth, Jeannee Emard Blog, STL Public Radio, MIC, Vocativ, videnskab.dk, globalnews.ca.

## Grants and Awards

Europa Excelencia, Ministerio de Ciencia e Innovacion <i>Amount: 100,000 EUR</i>	2022-2024
AGAUR Pandemias 2020 <i>Amount: 219,560 EUR</i>	2021-2023
Retos Grant - PID2019-110684RB-I00, Ministerio de Ciencia e Innovacion <i>Amount: 30,008 EUR</i>	2020-2023
Fundacion Ramon Areces, Social Sciences Grant <i>Amount: 36,000 EUR</i>	2018-2020
La Caixa, Research Grant on Socioeconomic Wellbeing <i>Amount: 20,000 EUR</i>	2018-2019
Barcelona GSE Seed Grant <i>Amount: 10,000 EUR</i>	2017-2018
Fundacion Ramon Areces, Social Sciences Grant <i>Amount: 36,000 EUR</i>	2016-2018
Weidenbaum Center Research Grant <i>Amount: 10,000 USD</i>	2015-2016
Weidenbaum Center Research Grant <i>Amount: 20,000 USD</i>	2009-2014
McDonnell International Scholars - MAGEEP Grant <i>Amount: 20,000 USD</i>	2009-2010
European Economic Association Young Economist Award for the paper ' <i>Aggregate Effects of AIDS on Development</i> '	2008
The William and Flora Hewlett Foundation/PRB Dissertation Fellowship	2007-2009
La Caixa Fellowship	2002-2004
Fundacion Española de Cajas de Ahorro Fellowship	2001-2002
EEC Grant for ERASMUS Project at Aarhus Universitet, Denmark	1998-1999

## Teaching

University of Pennsylvania:

Topics in Advanced Macro, Development (PhD): fall2022

Topics in Development (UG): fall2022

CEMFI:

Growth and Development Economics (PhD): spr2019

Universitat Autònoma de Barcelona (UAB):

Quantitative Macroeconomics (PhD): fall2017, fall2018, fall19, fall2020

Growth and Development Economics (PhD): spr2017, spr2018, spr2019

Intermediate Macroeconomics (UG): fall2020

Washington University in St. Louis:

Growth and Development Economics (PhD): spr2014, spr2015, spr2016

Quantitative Macroeconomics (PhD): spr2009-spr12, spr2014-15, spr2016

Intermediate Macroeconomics (UG): fall2008, fall2009, spr2011, spr2012, fall2013

### **Organization of Scientific Meetings (program committee member, since 2017)**

"Society of Economic Dynamics, Annual Meetings" UAB, Spain (Local Coorganizer) June 2024 (scheduled)

"Economics and Pandemics in the XXI Century" Universitat Autònoma de Barcelona, October 2022

Coorganized with Vahagn Jerbashian (UB)

"Economic Growth and Fluctuations" Group, Summer Forum (Barcelona GSE) Annual: 2017-2022

Coorganized with David Lagakos (Boston U), Kurt Mitman (IIES) and Ludo Visschers (Edinburgh)

"Macroeconomics and Social Insurance" Group, Summer Forum (Barcelona GSE) Annual: 2022

Coorganized with Arpad Abraham (Bristol), Chris Busch (LMU) and Alex Ludwig (Goethe Frankfurt)

"Labor Markets in Turbulent Times" Universitat Autònoma de Barcelona, October 2021

Coorganized with Etienne Wasmer (NYUAD)

"Society of Economic Dynamics, Annual Meetings" University of Minnesota, June 2021

"Covid-19 Economics" Group, Summer Forum (Barcelona GSE) 2021

Coorganized with Edouard Schaal (CREI-BGSE)

"Annual Congress of the European Economic Association," Rotterdam, Netherlands, August 2020

"Innovation and Inequality Group Workshop" at Edinburgh, Scotland, June 2020

"The Economic and Policy Impact of BREXIT" at the Ateneu 2017. MOVE-FRA Framework

Coorganized with Albet Marcet (MOVE-IAE-CSIC-UAB)

"Workshop on Health Economics: New Technologies, Adoption and Hospital Management"

at the Casa de la Convalescència, Nov 2017. MOVE-FRA Framework.

Coorganized with Albet Marcet (MOVE-IAE-CSIC-UAB) and Ali McGuire (LSE)

"Innovation and Inequality Group Workshop" at Wash. U. in St. Louis, Nov 2017.

Coorganized with Carlos Garriga (STL FED) and Michele Boldrin (WUSTL)

REDg XIII at Bellaterra, September 2017

Coorganized with Javier Fernandez-Blanco, Joachim Jungherr, Albert Marcet and Luis Rojas

### **Invited Seminar Presentations and Conferences (Recent)**

Seminar Presentations: Groningen (June 2023, scheduled); Clemson (April 2023, scheduled); Emory (April 2023, scheduled); Houston (April 2023, scheduled); Michigan (April 2023, scheduled); CERGE-EI (March 2023, scheduled); Minneapolis FED (March 2023, scheduled); Population Studies Center UPENN (February 2023, scheduled); Bank of England (February 2023, scheduled); Tilburg University (February 2023, scheduled); Erasmus University Rotterdam (February 2023, scheduled); Boston University (November 2022, scheduled); Armenian Economic Association (November 2022, scheduled); St Louis FED (November 2022, scheduled); Wharton UPENN (November 2022, scheduled); Universitat de Barcelona (October 2022); SMN ESADE (October 2022); York (October 2022); IIES Stockholm (September 2022); Mannheim (September 2022); University of Georgia (September 2022); SITE Stanford (August 2022); SED Wisconsin (June 2022); NASMES Miami (June 2022); George Washington

(March 2022); Washington State University (May 2022); CAF Development Bank of Latinoamerica (March 2022); University of Pennsylvania (March 2022); USC Marshall (February 2022); University of Manchester (December 2021); European University Institute (October 2021); Goethe University Frankfurt (October 2021); Annual Meetings of the Society for Economic Dynamics (Minneapolis, June 2021); Queen Mary's (October 2020); Girona (March 2020); Glasgow (January 2020); European University Institute (November 2019); ASSET Conference, Athens (November 2019); Universidad Pablo Olavide (October 2019); National University of Singapore (NUS) (October 2019); Singapore Management University (SMU) (October 2019); National Technology University (NTU) (October 2019); McCalm Meetings (Edinburgh, June 2019); Annual Meetings of the Society for Economic Dynamics (St. Louis, June 2019); Gender Economics Workshop, COSME (Madrid, June 2019); NYUAD (April, 2019); Bank of Greece (March 2019); Oxford University (November 2018); Universidad Publica de Navarra (November 2018); University of Oslo (October 2018); Annual Meetings of the Society for Economic Dynamics (Mexico, June 2018); Tilburg (April 2018); Southampton (January 2018); University of Bologna (Nov 2017, scheduled); Universidad de Zaragoza (May 2017, scheduled); CREDIT Nottingham U (May 2017, scheduled); THEMA-University of Cergy -Pontoise (April 2017); Lausanne DEEP HEC (April 2017); ENTER Jamboree, University College London (March 2017).

### **Computer Skills**

Fortran (Parallel computing with GPUs and MPI), Stata, Matlab and Mathematica.

### **Languages**

Catalan (Native), Spanish (Native), English (Fluent), and German (Beginner).