

Josué Ortega

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Google scholar citations: 346

H-index: 9

Appointments

Senior Lecturer , Queen's University Belfast	<i>since 2023</i>
Associate Editor , European Economic Review	<i>since 2025</i>
Lecturer, <i>Queen's University Belfast</i>	<i>2019 – 2023</i>
Postdoc, <i>Centre for European Economic Research</i>	<i>2018 – 2019</i>
Lecturer, <i>University of Essex</i>	<i>2017 – 2018</i>

Education

PhD in Economics, <i>University of Glasgow</i>	<i>2014 – 2017</i>
<i>Advisor</i> : Hervé Moulin. <i>Examiner</i> : Olivier Tercieux.	
MSc in Economics, <i>Vienna Institute for Advanced Studies</i>	<i>2012 – 2014</i>
<i>Advisor</i> : Klaus Ritzberger.	
BSc in Economics (cum laude), <i>Universidad de Guanajuato, Mexico</i>	<i>2006 – 2010</i>

Working Papers

8. The trade-off between minimal instability and larger improvements over DA, with Knipe.
revise and resubmit, *Journal of Mathematical Economics*.
7. Experimental school choice with parents, with Freer and Klein.
extended abstract in the Conference on Economics and Computation.
under review with transferred reports.
6. Justifiable priority violations, with Arribillaga.
under review with transferred reports.
5. Asymptotic equivalence of immediate and deferred acceptance, solo.
under review.
4. Efficiency adjustments break the logarithmic rank barrier, with Zhao and Ziegler.
under review.
3. A comment on school choice under partial fairness, solo.
submitted.
2. Appeals and school choice, with Cerrone and Hermstrüwer.
to be submitted.
1. Probabilistic serial outperforms random priority in large i.i.d. random markets, with Zhao.
to be submitted.

Publications

13. The large and likely inefficiency of stable matching mechanisms (2026).
Theoretical Economics, with Ziegler, Arribillaga and Zhao.

12. What Pareto-efficiency adjustments cannot fix (2026)
Journal of Political Economy: Microeconomics, with Ziegler, Arribillaga and Zhao.
11. A note on the strategic vulnerability of the Boston mechanism in random markets (2026)
Social Choice and Welfare, solo.
10. The distribution of envy in matching markets (2026)
Economics Letters, with Ziegler, Arribillaga and Zhao.
9. School choice with independent versus consolidated districts (2024)
Games and Economic Behavior, with Aue and Klein.
8. The cost of strategy-proofness in school choice (2023)
Games and Economic Behavior, with Klein.
Extended abstract in the Matching under Preferences workshop.
7. Fair cake-cutting in practice (2023)
Games and Economic Behavior, with Kyropoulou and Segal-Halevi.
extended abstract in the Conference on Economics and Computation.
6. Obvious manipulations in cake-cutting (2022)
Social Choice and Welfare, with Segal-Halevi.
5. On the integration of Shapley–Scarf markets (2022)
Journal of Mathematical Economics, with Kumar and Manocha.
extended abstract in the Symposium of Algorithmic Game Theory.
4. Fairness and efficiency in cake-cutting with single-peaked preferences (2020)
Economics Letters, with Bhardwaj and Kumar.
3. Multi-unit assignment under dichotomous preferences (2020)
Mathematical Social Sciences, solo.
2. The losses from integration in matching markets can be large (2019)
Economics Letters, solo.
1. Social integration in two-sided matching markets (2018)
Journal of Mathematical Economics, solo.

Media & Impact

The Economist, The Financial Times, The Times, Forbes, BBC’s Thinking Allowed, Marginal Revolution, MIT Technology Review, New Scientist, Business Insider, etcetera.

Program Committee

1. Conference on Economics and Computation, since 2026.
2. Workshop on Matching under Preferences, since 2022.
3. Symposium on Algorithmic Game Theory, 2025.
4. ACM Web Conference, Economics and Online Markets track, 2026.
5. Royal Economic Society Conference, 2024.

Refereeing

Economics Journals: Econometrica, Theoretical Economics, Journal of Economic Theory, Journal of Political Economy: Microeconomics, American Economic Journal: Microeconomics, Games and Economic Behavior, European Economic Review, Journal of Mathematical Economics, Social Choice and Welfare, Economics Letters, International Journal of Game Theory, Economic Inquiry, Theory

and Decision, Mathematical Social Sciences, Review of Economic Design, Journal of Demographic Economics.

Interdisciplinary Journals: Management Science, Operations Research, Stochastic Systems, Social Networks, Social Identities.

Leadership and Service

- Director and board member of the Irish Economic Association, since 2026.
- Programme Director, BSc Economics & Economics with Finance, since 2025.
- Fellow, Queen's Institute for Peace, Security and Justice.
- Advisor of studies, 2021 – 2024.
- Chair of the student voice committee, 2021 – 2024.
- External UG examiner at the University of Glasgow, since 2025.
- External PG dissertation supervisor at the University of Glasgow, since 2021.
- External PG dissertations examiner at Peking University HSBC Business School, since 2024.

Grants

PI, British Academy small grant, 2026 (£5,800).

PI, British Academy small grant, 2023 (£10,000).

PI, ESRC impact acceleration, 2022 (£24,400).

Co-PI, British Academy small grant, 2024 (£10,000).

PI, seal of excellence, Marie Curie fellowship, 2019 (€162,806).

Co-PI, Leibniz Association grants, 2019:

1. *Design and impact of admissions rules for schools* (€330,000).
2. *Improving school admissions for diversity* (€340,000).

Internal grants: North America research mobility, Research innovation prize, Faculty research initiatives fund, AHSS Global reputation fund, Agility sabbatical fund, EssexLab seedcorn fund, Glasgow - Columbia early career mobility.

Awards

- Catherine Richards' Prize for Early Career Mathematician.
- QBS Research Funding Innovation Prize.
- Adam Smith PhD Studentship.
- 2nd year MSc Fellowship at IHS Vienna.

PhD Students

3. Taylor Knipe (main supervisor, Queen's University Belfast)
Funded by the NI Department of Economy.
2. Kriti Manocha (host supervisor, Indian Statistical Institute)
Host during three-month visit in 2020.
1. Bhavook Bhardwaj (host supervisor, Indian Statistical Institute)
Host during three-month visit in 2019.

Conference Organization

4. Irish Economic Association annual conference, Belfast 2025.
3. Irish workshop on economic theory, Belfast 2024.
2. Easter workshop on school choice, Belfast 2022.
1. 15th Matching in Practice workshop, Mannheim 2018.

Teaching

Fellow of the UK Higher Education Academy.

Queen's Teaching Awards 2021 – Student-nominated category.

Nominated: Best tutor in 2017, University of Glasgow.

8. Economics of networks and institutions (Belfast UG 2020 – 2025).
7. Mathematics for economics (Belfast UG, 2025).
6. Introduction to economics (Belfast UG 2021 – 2024).
5. Making sense of a complex world (Belfast MBA, 2022).
4. Data analysis and optimization (Belfast UG 2019).
3. Market design (Mannheim PhD 2018-2019, co-taught).
2. Advanced microeconomics (Essex UG 2018).
1. Intermediate microeconomics (Essex UG 2017).

Research Visits

4. Washington University in St Louis, September 2024.
3. Boston College, September – October 2022.
2. Columbia University in the city of New York, August – December 2016.
1. CERGE-EI Prague, October 2015.

Presentations since 2020

2026: 37th Stony Brook conference on game theory, ACM Conference on Economics and Computation (Rome), Irish Economic Association Conference.

2025: From matchings to markets workshop (Cargese), Herve Moulin's 75th birthday workshop (Glasgow), Game theory symposium (York), Greater bay area market design workshop (Macau), Seminar at Universitat Rovira i Virgili.

2024: Society for the Advancement of Economic Theory (Santiago), Matching in Practice (Zurich), Lancaster game theory conference, Seminars at Bath, Universidad Nacional de San Luis, Washington University in St Louis, Higher School of Economics, and guest lecture at Iowa State.

2023: Seminars at NTNU Trondheim, Southampton, Manchester, Naples Federico II, ZEW Mannheim.

2022: Econometric Society European Meeting (Milan), MATCH-UP (Vienna), Coalition Theory Network (Barcelona), Economic Design (Padua), Iowa State Market Design Conferences (Ames), Easter Workshop on School Choice (Belfast). Seminars at ISER Essex, Boston College, Glasgow.

2021: Royal Economic Society (online), Irish Economic Society (online), 6th World Congress of the Game Theory Society (online).

2020: 13th Algorithmic Game Theory (online).

Personal

37 years old, Mexican and British citizen. Fluent in English and Spanish.

Previous holder of a UK Exceptional Talent visa.