

*Curriculum Vitae*  
Oriol Carbonell-Nicolau  
Spring 2023

CONTACT INFORMATION

Department of Economics,  
Rutgers University,  
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EDUCATION

- Ph.D., Economics, New York University, 2003.
- M.S., Economics, Universitat Pompeu Fabra, 1997.
- B.S., Economics, Universitat Pompeu Fabra, 1996.

PROFESSIONAL EXPERIENCE

- Professor, Department of Economics, Rutgers University, 2019–Present.
- Associate Professor, Department of Economics, Rutgers University, 2012–2019.
- Assistant Professor, Department of Economics, Rutgers University, 2003–2012.
- Visiting Fellow, Becker Friedman Institute for Research in Economics, University of Chicago, April 2013.
- Academic Visitor, Departament d'Economia i d'Història Econòmica and Center for the study of Organizations and Decisions in Economics (CODE), Universitat Autònoma de Barcelona, 2006–2008.

FIELDS OF SPECIALIZATION

- Public Economics.
- Game Theory.

HONORS AND GRANTS

- Grant, National Program for the Mobility of Spanish and Foreign University Professors and Researchers, Spanish Ministry of Education and Science, 2006–2007.
- Rutgers University Research Council Grant, 2003–2004, 2005–2007.
- C.V. Starr Center for Applied Economics Fellowship, New York University, 2001–2002.
- C.V. Starr Center for Applied Economics, New York University, Publication Incentive Award, 2001.
- MacCracken Fellowship, New York University, 1997–2001.

PUBLICATIONS

1. "Technology adoption under negative external effects," *The B.E. Journal of Theoretical Economics*, forthcoming.
2. "Inequality, bipolarization, and tax progressivity," with Humberto Llavador, *American Economic Journal: Microeconomics*, 13, 492–513, 2021.
3. "Equilibria in infinite games of incomplete information," *International Journal of Game Theory*, 50, 311–360, 2021.
4. "Perfect equilibria in games of incomplete information," *Economic Theory*, 71, 1591–1648, 2021.
5. "Elasticity determinants of inequality reducing income taxation," with Humberto Llavador, *The Journal of Economic Inequality* 19, 163–183, 2021.

6. "An alternative to natural monopoly," *Journal of Regulatory Economics* 58, 184–192, 2020.
7. "Unbundling production with decreasing average costs," *The B.E. Journal of Theoretical Economics*, Vol. 20, Iss. 1, 2020.
8. "Nash and Bayes-Nash equilibria in strategic-form games with intransitivities," with Richard McLean, *Economic Theory* 68, 935–965, 2019.
9. "On the distributional effects of commodity taxation," *Journal of Public Economic Theory* 21, 687–707, 2019.
10. "Essential equilibrium in normal-form games with perturbed actions and payoffs," with Nathan Wohl, *Journal of Mathematical Economics* 75, 108–115, 2018.
11. "Inequality reducing properties of progressive income tax schedules: The case of endogenous income," with Humberto Llavador, *Theoretical Economics* 13, 39–60, 2018.
12. "On the existence of Nash equilibrium in Bayesian games," with Richard McLean, *Mathematics of Operations Research* 43, 100–129, 2018.
13. "On equilibrium refinements in supermodular games," with Richard McLean, *International Journal of Game Theory* 44, 869–890, 2015.
14. "Further results on essential equilibria in normal-form games," *Economic Theory* 59, 277–300, 2015.
15. "On essential, (strictly) perfect equilibria," *Journal of Mathematical Economics* 54, 157–162, 2014.
16. "Semicontinuous integrands as jointly measurable maps," *Commentationes Mathematicae Universitatis Carolinae* 55, 189–193, 2014.
17. "Refinements of Nash equilibrium in potential games," with Richard McLean, *Theoretical Economics* 9, 555–582, 2014.
18. "Approximation results for discontinuous games with an application to equilibrium refinement," with Richard McLean, *Economic Theory* 54, 1–26, 2013.
19. "Perfect and limit admissible perfect equilibria in discontinuous games," *Journal of Mathematical Economics* 47, 531–540, 2011.
20. "On strategic stability in discontinuous games," *Economics Letters* 113, 120–123, 2011.
21. "On equilibrium refinement for discontinuous games," *International Game Theory Review* 13, 269–280, 2011.
22. "The existence of perfect equilibrium in discontinuous games," *Games* 2, 235–256, 2011.
23. "On the existence of pure-strategy perfect equilibrium in discontinuous games," *Games and Economic Behavior* 71, 23–48, 2011.
24. "Essential equilibria in normal-form games," *Journal of Economic Theory* 145, 421–431, 2010.
25. "Testing the commitment hypothesis in contractual settings: evidence from soccer," with Diego Comin, *Journal of Quantitative Analysis in Sports*, Vol. 5, Iss. 4, Article 1, 2009.
26. "A positive theory of income taxation," *The B.E. Journal of Theoretical Economics*, Vol. 9, Iss. 1 (Contributions), Article 25, 2009.
27. "Voting over income taxation," with Efe Ok, *Journal of Economic Theory* 134, 249–286, 2007.
28. "Representative democracy and marginal rate progressive income taxation," with Esteban Klor, *Journal of Public Economics* 87, 2339–2366, 2003.

#### WORK IN PROGRESS

1. "Measuring hierarchy."
2. "On progressive tax systems with heterogeneous preferences."
3. "Social orders and tax progressivity," with Humberto Llavador.
4. "Inequality and bipolarization reducing mixed taxation."
5. "Natural monopoly revisited."
6. "Hierarchies and income inequality."
7. "On wealth inequality and allocative efficiency."
8. "On credit rationing in monopolistic markets."

9. "Inequality reducing taxes for general distributions."
10. "Shared ownership in monopoly with externalities."
11. "Price ceilings in differentiated oligopoly"
12. "On income inequality and tax progressivity," with Humberto Llavador.
13. "On monopoly-monopsony regulation."
14. "Rawlsian-justice enhancing income tax schedules."
15. "On land as a factor of production."
16. "Innovation and patents."
17. "Tax structures and wealth inequality."
18. "Prospect theory and selection in insurance markets."
19. "On the existence of equilibrium in Bayesian games with correlated types," with Richard McLean.

#### TEACHING

##### Current:

- Advanced Topics in Microeconomics (640) (Public Economics), graduate, Rutgers University.
- Public Economics (460), undergraduate, Rutgers University.
- Advanced Microeconomic Theory (585), graduate, Rutgers University.
- Intermediate Microeconomics (320), undergraduate, Rutgers University.
- Market, Games and Information (483), undergraduate, Rutgers University.

##### Past:

- Mathematics for Economists I, undergraduate, Universitat Autònoma de Barcelona (2007-2008).

#### PROFESSIONAL SERVICE

##### • Referee for:

- *Journals (number of referee reports in parenthesis):* *Acta Applicandae Mathematicae*, *American Economic Review*, *Applied Economics Research Bulletin*, *Econometrica* (4), *Economics Bulletin* (2), *Economics Letters*, *Economic Theory* (21), *Economic Theory Bulletin* (5), *Games and Economic Behavior* (7), *International Economic Review* (2), *International Game Theory Review* (2), *International Journal of Game Theory* (3), *International Review of Economics and Finance*, *Journal of Economic Theory* (12), *Journal of the European Economic Association*, *Journal of Mathematical Economics* (8), *Journal of Optimization Theory and Applications*, *Journal of Political Economy*, *Journal of Public Economics* (9), *Journal of Public Economic Theory* (3), *Journal of Quantitative Analysis in Sports*, *Mathematical Social Sciences* (2), *National Tax Journal*, *Optimization*, *Public Choice* (2), *Review of Economic Studies*, *Review of Income and Wealth*, *Social Choice and Welfare* (4), *Spanish Economic Review* (2), *The Manchester School*, *Theoretical Economics* (3), *Theory and Decision*.
- *Books:* Routledge.
- *Other:* NSF.

- Reviewer for *Mathematical Reviews* (5) and *Zentralblatt MATH* (4).

#### SEMINAR AND CONFERENCE PRESENTATIONS

- *Seminars:* University of Notre Dame (2023), Ryerson University (2017), Université de Cergy-Pontoise (2013), University of Chicago (2013), Universitat Pompeu Fabra (2011), Rutgers University (2010), SUNY at Albany (2010), University of Rochester (2010), Rutgers University (2008), Universitat Pompeu Fabra (2008), Barcelona Jocs (2008), Universidad de Málaga (2007), Universidad Carlos III de Madrid (2006), Universitat Autònoma de Barcelona (2006), Rutgers University (2006), University of Chicago (2006), Northwestern University (2006), Penn State University (2005), Princeton University (2005), University of Pennsylvania (2004), Rutgers University (2004), Universitat Autònoma de Barcelona (2002), Universitat Pompeu Fabra (2002), Universitat d'Alacant (2002), Universidad Carlos III de Madrid (2002), Instituto Tecnológico Autónomo de México (2002), Rutgers University (2001), New York University (2001), Universitat d'Alacant (2001).

- *Conference presentations*: Second Catalan Economic Society Conference (Barcelona, 2019), Conference on Current Trends in Economics, Society for the Advancement of Economic Theory (Faro, Portugal, 2017), Conference on Current Trends in Economics, Society for the Advancement of Economic Theory (Paris, 2013), Research Group on Political Institutions and Economic Policy (discussant) (Princeton University, 2008), North American Winter Meetings of the Econometric Society (New Orleans, 2008), Public Economic Theory (Hanoi, 2006), Second World Congress of the Game Theory Society (Marseille, 2004), Second International Conference of the Association for Public Economic Theory (Warwick, 2000), Fifth Meeting of the Society for Social Choice and Welfare (Alacant, 2000).

#### STUDENT ADVISING

- Ph.D. committee membership (graduation date in parenthesis)
  - Arashk Afshar, Rutgers (main advisor).
  - Hassan Nosratabadi, Rutgers (main advisor) (2018).
  - Dean Jens, Rutgers (2018).
  - Youngseok Park, Rutgers (2016).
  - Yang Li, Rutgers (2016).
  - Nathan Wohl, Rutgers.
  - Jeff Birchby, Rutgers (2013).
  - Selim Jurgen Ergun, Universitat Autònoma de Barcelona (2008).
  - Angel Solano, Universitat Autònoma de Barcelona (2006).
- Independent Studies
  - Hassan Nosratabadi (Rutgers, Fall 2013).
  - Nathan Wohl (Rutgers, Spring 2013).
  - Jeff Birchby (Rutgers, Fall 2004).
- Reviewer of second-year paper for the following Rutgers graduate students: Tatiana Daddario (2020), Wanli Ma (2019), Xuesong Huang (2017), Ryuichiro Izumi (2016), Yan Xue (2016), Hyeon Ok Lee (2015), Selim Choi (2013), Li Liu (2008), Soumyanetra Munshi (2006), Iva Banova (2004), Chetan Mannige (2004), Volkan Cetinkaya (2003).

#### UNIVERSITY SERVICE

- Article 10 Grievance Committee member, Rutgers University, 2020.
- Graduate Placement Committee, Chair, Department of Economics, Rutgers University, Fall 2017, 2018–2024.
- Graduate Placement Committee, Co-chair, Department of Economics, Rutgers University, 2016–2017.
- Member of SAS Advisory Committee on Appointments and Promotions, Rutgers University, 2015–2017.
- Elections Coordinator, Department of Economics, Rutgers University, 2013–2024.
- Microeconomic Theory Workshop co-coordinator, Department of Economics, Rutgers University, 2008–2009, 2012–2017, 2019–2023.
- Representative to the New Brunswick Faculty Council, Rutgers University, Fall 2017, 2018–2021.
- Member of Subcommittee on Graduate Preparation, Department of Economics, Rutgers University, 2008–2015, 2016–2017, Fall 2017 (Chair), 2018–2024 (Chair).
- Member of the Math Liaison Committee, Department of Economics, Rutgers University, 2019–2024.
- Member of the Undergraduate Curriculum and Assessment Committee, Department of Economics, Rutgers University, 2015–2016.
- Member of Subcommittee on Intermediate Microeconomics, Department of Economics, Rutgers University, 2019–2024.
- Member of Graduate Advising and Counseling Committee, Department of Economics, Rutgers University, 2012–2015.

- Member of Graduate Admissions/Standards Committee, Department of Economics, Rutgers University: Subcommittee for Admissions, 2005–2006, 2013–2014, 2015–2017. Subcommittee for Standards and Awards, 2011–2013.
- Member of Undergraduate Honors and Awards Committee, Department of Economics, Rutgers University, 2011–2013.
- Member of Field Examination Committee for Microeconomic Theory and Industrial Organization, Department of Economics, Rutgers University, 2004–2006.