

Laura Doval

Fields of Specialization

Microeconomic theory, mechanism design, market design, and information economics.

Academic Positions

- 2024– **Chong Khoon Lin Professor of Business**, *Economics Division, Columbia Business School*, Columbia University.
- 2022-2024 **Daniel W. Stanton Associate Professor of Business**, *Economics Division, Columbia Business School*, Columbia University.
- 2020-2022 **Assistant Professor**, *Columbia Business School, Economics Division*, Columbia University.
- 2017-2020 **Assistant Professor of Economics**, *Division of the Humanities and the Social Sciences*, California Institute of Technology.
- 2016-2017 **Postdoctoral Associate**, *Cowles Foundation for Research in Economics*, Yale University.
- 2016-2017 **Research Assistant Professor of Economics**, *Division of the Humanities and the Social Sciences*, California Institute of Technology.

Affiliations

- 2021- **Research Affiliate**, *Organizational Economics*, Center for Economic Policy Research.

Editorial Positions

- 2024- **Co-Editor**, *Economic Theory*.
- 2024 **Track Chair**, *ACM Conference in Economics and Computation*.
- 2021-2023 **Area Chair**, *ACM Conference in Economics and Computation*.
- 2022- **Associate Editor**, *Theoretical Economics*.
- 2022- **Associate Editor**, *Journal of the European Economic Association*.
- 2022- **Editorial Board Member**, *Economic Theory and Economic Theory Bulletin*.
- 2022-24 **Associate Editor**, *Economic Theory*.

Education

- 2016 **Ph.D. in Economics**, Northwestern University,
Dissertation title: Essays on Dynamic Matching and Experimentation (published).
Dissertation Committee: Eddie Dekel (co-chair), Jeffrey Ely (co-chair), and Alessandro Pavan
- 2012 **M.A. in Economics**, Northwestern University.
- 2010 **M.A. in Economics**, Universidad Torcuato Di Tella.
- 2009 **B.A. in Economics**, Universidad Torcuato Di Tella.

Fellowships, Grants, Awards, and Named Lectures

- 2024 **TE Best Paper**, *Econometric Society*.
- 2024 **Arrow Prize**, *Econometric Society*, with Vasiliki Skreta.
- 2024 **Sloan Research Fellowship**, *Alfred P. Sloan Foundation*.
- 2024 **McKenzie Lecture**, *Society for the Advancement of Economic Theory*.
- 2021 **Fellow of the Society for the Advancement of Economic Theory**.

- 2019 **Excellence in Refereeing Award**, Review of Economic Studies.
- 2019-2020 **NBER/DOT Grant**, *Economics of Transportation in the 21st Century*, with Nicholas Buchholz, Jakub Kastl, and Tobias Salz, Amount awarded: 25,000.
- 2019-2023 **NSF Grant SES-1851744 (Caltech) 2131706 (Columbia)**, *Collaborative Research: Sequentially Optimal Mechanism Design*, with Vasiliki Skreta, Amount awarded: \$ 201,929.
- 2019 **Junior Research Fellow**, *Online and Matching-Based Market Design*, Simons Institute.
- 2018 **Excellence in Refereeing Award**, American Economic Review.
- 2018 **Carver Meade Discovery Grant**, *Designing School Lotteries in the Presence of an Outside Option*, with Federico Echenique and Adam Wierman, Amount awarded: \$ 40,000.
- 2018 **Linde Institute CTESS visitor grant**, Amount awarded: \$ 4,600.
- 2016 **Review of Economic Studies Tour**.
- 2015 **Dissertation Fellowship**, *Department of Economics*, Northwestern University.
- 2013 **Robert Eisner Memorial Fellowship**, *Department of Economics*, Northwestern University.
- 2012 **Distinguished Teaching Assistant Award**, *Department of Economics*, Northwestern University.
- 2010 **Fellowship**, *Department of Economics*, Northwestern University.
- 2010 **Premio Mejores Egresados**, Academia Nacional de Ciencias Economicas.
- 2009 **Top 1% Undergraduate Students**, Universidad Torcuato Di Tella.
- 2009 **Top 1% Undergraduate Students in Economics**, Universidad Torcuato Di Tella.
- 2009 **Best Undergraduate Thesis**, *Departamento de Economía*, Universidad Torcuato Di Tella.

Publications

Authorship order in economics is alphabetical

Peer Reviewed Publications

- L. DOVAL AND A. SMOLIN (2024) "Persuasion and Welfare," *Journal of Political Economy*, 132, 7, pp. 2451-2487
- L. DOVAL AND V. SKRETA (2024): "Optimal Mechanism for the Sale of a Durable Good," *Theoretical Economics*, 19, pp. 865-915.
- L. DOVAL AND V. SKRETA (2023): "Purchase History and Product Personalization." *Forthcoming, RAND Journal of Economics*.
- L. DOVAL AND V. SKRETA (2024): "Constrained Information Design". *Mathematics of Operations Research*, 49, 1, pp.78-106.
- L. DOVAL AND V. SKRETA (2022): "Mechanism Design with Limited Commitment," *Econometrica*, 90, pp. 1463-1500.
 - Awarded the **Arrow Prize** presented biennially for the best paper in economic theory published in *Econometrica* in any of the previous four calendar years.
- DOVAL, L. (2022): "Dynamically Stable Matching," *Theoretical Economics*, 17, pp. 687-724.
 - Awarded the **Best TE Paper Prize**
- L. DOVAL AND JEFFREY C. ELY (2020): "Sequential Information Design," *Econometrica*, 86, pp. 2575-2608.
- DOVAL, L. (2018): "Whether or not to open Pandora's box," *Journal of Economic Theory*, 175, pp. 127-158.

Peer Reviewed Conference Proceedings

- L. DOVAL AND R. EILAT (2024): "The Core of Bayesian Persuasion." Extended abstract in *Proceedings of 2024 ACM Conference on Economics and Computation*
- L. DOVAL AND V. SKRETA (2023): "Purchase History and Product Personalization." Extended abstract in *Proceedings of 2023 ACM Conference on Economics and Computation*, 537

Book Chapters

"Dynamic Matching", to appear in the **Handbook of the Economics of Matching**, edited by Yeon-Koo Che, Pierre André Chiappori, and Bernard Salanié

Working papers

- L. DOVAL AND P. SCHENONE “Consistent Conjectures in Dynamic Matching Markets” (July 2024)
- C. CALSAMIGLIA, L. DOVAL, A. ROBINSON-CORTES, AND M. SHUM “Managing Congestion in Two-Sided Platforms: The Case of Online Rentals” (August 2023)
- L. DOVAL AND R. EILAT (February 2023) “The Core of Bayesian Persuasion”
- N. BUCHHOLZ, L. DOVAL, J. KASTL, F. MATEJKA, AND T. SALZ (June 2022) “The Value of Time Across Space: Evidence from Auctioned Cab Rides.” *Revision requested at Econometrica, 2nd round*
- L. DOVAL AND V. SKRETA (April 2022) “Mechanism Design with Limited Commitment: Markovian Environments”, Conditionally accepted, *European Economic Review*.
- L. DOVAL AND B. SZENTES (September 2021), “On the Efficiency of Queuing in Dynamic Matching Markets”
- L. DOVAL AND J. ELY (January 2020), “Bayes rule where possible”

Work in Progress

- L. DOVAL AND R. EILAT “Marginal Information Design”
- N. BUCHHOLZ, L. DOVAL, J. KASTL, F. MATEJKA, AND T. SALZ “Platform Design in RideHail: An Empirical Investigation”

Older working papers

- “A Theory of Stability in Dynamic Matching Markets”. Last version: March 2018.
- “Dynamic and many-to-many matching”. Last version: May 2016.

Conferences and Seminars

- 2024 (scheduled) AEA, SAET (McKenzie Lecture), UCLA, CalPoly, UW Madison, Women in Economic Theory Conference, CEPR VIOS UCL, LSE, Queen Mary University, Oxford University, University of Padua, EC’24, EARIE 2024, Princeton, WashU Theory Conference, Georgetown University, Urbana-Champaign
- 2023 AEA, Virtual Seminars in Economic Theory, Berkeley (IO/Theory), Simon Business School IO Workshop on Antitrust Economics and Competition Policy, Yale University, Harvard-MIT Theory, University of Chicago, Warwick Theory Workshop, EC’23, Stony Brook (plenary), Berkeley-Columbia-Duke-MIT-Northwestern IO Theory Conference, NYU, LACEA/LAMES (semi-plenary), Nottingham, UPenn (scheduled), UTDT Annual Economics Conference (scheduled)
- 2022 AEA TE Session: Frontiers in Mechanism Design, Queens University, City University of Hong Kong, Finance Theory Webinar, Warwick Theory Workshop, Graz University, Gerzensee (focus speaker), Stony Brook, Simons Institute “Data-Driven Decision Processes” Bootcamp, NYU Stern IO Day, PUC Conference
- 2021 University of Montreal, Australasian Microeconomic Theory Seminar, Bilkent University, São Paulo School of Economics–FGV, University of Cambridge, Paris School of Economics, Seminars in Economic Theory, NYU Stern IO Day, HKU, INFORMS, Parisian Game Theory Seminar, Aalto University, MIT, Stanford GSB
- 2020 University of Michigan, Bocconi, Duke, Boston University, University of Pittsburgh, Columbia Business School, University of California, San Diego, Cornell, Toulouse School of Economics, University of Oxford, Gerzensee (canceled), Symposium in Communication and Persuasion, EARIE ’20, Ashkoka University Conference, University of British Columbia, Universitat Autònoma de Barcelona, University of Essex
- 2019 AEA, University of Southern California, UC Riverside, SWET 2019 at UCSB, New York University, Triangle Microeconomics Conference, University of Michigan, Michigan State University, UC Irvine - IMBS, Bristol-Kent-Southampton Workshop in Economic Theory, Frontiers in Mechanism Design at UCL, Workshop in Information Design and Splitting Games, SITE 2019, Boston College, Northwestern University, CIREQ Montreal Microeconomic Theory Conference (scheduled)

- 2018 AEA, Caltech CMI, Universität Bonn, University of Cologne, Royal Holloway, Harvard/MIT, Washington University at St. Louis, Bocconi University, Collegio Carlo Alberto, University of Chicago, Cowles Conference, Gerzensee, University of Southern California, Columbia Conference on Economic Theory, Brown University, Ohio State University, Carnegie Mellon - Tepper
- 2017 Cornell University, Samuel Curtis Johnson Graduate School of Management (Economics), University of Texas, Austin, Boston University, IESE Business School, UPF, SAET, Gerzensee, HKU Summer Theory Conference, Southern Economic Association, University of Arizona, Stanford University, LA Theory Fest
- 2016 Rice University, UCLA, California Institute of Technology, University of Notre Dame, New York University, Yale University (School of Management), Columbia University, University of Pennsylvania, Harvard University, Boston University, University College London, London School of Economics, University of Southern California, University of California, San Diego, Duke University, Arizona State University, University College London (ReStud Tour), Humboldt University (ReStud Tour), EUI (ReStud Tour), Pennsylvania State University, University of Illinois at Urbana-Champaign, NBER Market Design, Southern California Symposium on Network Economics and Game Theory, University of Toronto, University of Western Ontario
- 2015 California Institute of Technology.
- 2014 Universidad Torcuato Di Tella
- Invited Conference Discussions
- 2023 **"Dynamic Signaling with Wald Options,"**, by Doruk Cetemen and Chiara Margaria, 20th Annual Berkeley-Columbia-Duke-MIT-Northwestern IO Theory Conference.
- 2022 **"Informational Intermediation, Market Feedback, and Welfare Losses,"**, by Kai Hao Yang, NYU Stern IO Day.
- 2021 **"Competing Platforms and Transport Equilibrium,"**, by Nicola Rosaia, Cowles Conference on Models and Measurement.
- 2021 **"A Strong Minimax Theorem for Informationally-Robust Auction Design,"**, by Ben Brooks and Songzi Du, Cowles Conference on Economic Theory.
- 2019 **"Markets vs. Mechanisms"**, by Raphael Boleslavsky, Christopher Hennessy, and David Kelly, AEA Meetings.
- 2018 **"A Theory of Self-Enforcing Coalitions"**, by Nageeb Ali and Ce Liu, AEA Meetings.

Professional Activities

Refereeing

Econometrica, Review of Economic Studies, American Economic Review, Journal of Political Economy, Quarterly Journal of Economics, Journal of the European Economic Association, Theoretical Economics, Journal of Economic Theory, Games and Economic Behavior, Journal of Economic Literature, AER: Insights, AEJ: Microeconomics, The RAND Journal of Economics, Management Science, Economic Letters, International Journal of Game Theory

Reviewer for the National Science Foundation.

Conferences and Workshops

Conference Organizer.

- SISL Summer Conference (2017)
- Junior Theory Retreat (2019)
- SITE 2020: Dynamic Games, Contracts and Markets
- EC'21: Workshop on Design of Online Platforms
- Simons Institute Data-Driven Decision Processes "Quantifying Uncertainty: Stochastic, Adversarial, and Beyond." (2022)
- Columbia Conference in Economic Theory (2022)
- NSF/NBER/CEME Mathematical Economics Conference (2023)
- Columbia Conference in Economic Theory (2024)

Tutorials .

- Tutorial Chair, ACM Economics and Computation Conference (2023-2024)

Program Committee Member.

- ACM Conference on Economics and Computation: 2017, 2018
- World Congress of the Econometric Society: 2020, 2022
- Berkeley-Columbia-Duke-MIT-Northwestern IO Theory Conference, 2022

Panelist.

- Panel on Research Challenges at the WEorg mentoring workshop, 2020
- Matching-in-practice round table, 2021
- Columbia Women's Business Society Conference, 2022

Service

Seminar Organizer.

- CBS Economics Division Microeconomics Lunch (2022)
- Columbia Economic Theory Seminar (2020-21,2022-23, Spring 2024, Fall 2024)
- Caltech Economic Theory in the Times of Cholera (Spring 2020-Fall 2020)
- Bray Theory Seminar Series (2018-2020)
- SISL Seminar Series 2017-Fall 2018

Department committee service.

- **Columbia University**
 - Economics Division, Junior Search Committee (2021, 2022)
 - Decision Risk & Operations Division, Junior Search Committee, external member (2021-)
- **California Institute of Technology**
 - SISL Search Committee (2017)
 - Chair of the SISL Search Committee (2018-2020)
 - Political Science Search Committee

Short Visits

- 2022 **"Data-Driven Decision Processes"**, *Simons Institute*, Long Term Participant.
- 2022 **Warwick University**.

Teaching

Columbia Business School, New York, NY USA.

- B8216: Economics of Strategic Behavior (MBA) Spring 2021-23
- BUECB9219: Topics in Industrial Organization (Graduate) Fall 2022, Spring 2024

California Institute of Technology, Pasadena, CA USA.

- SS205a: Foundations of Economics (Graduate) Fall 2017-18.
- SS211a: Advanced Economic Theory (Graduate) Fall 2017-18.
- SS282a,c: Graduate Proseminar. Fall and Spring 2018, Spring 2020.
- EC131: Market Design (Undergraduate) Fall 2019.

Northwestern University, Evanston, IL USA.

- Teaching Assistant: ECON 410-2 (Graduate) Winter 2012-2013.
- Teaching Assistant: ECON 410-3 (Graduate) Spring 2012.
- Teaching Assistant: ECON 202 (Undergraduate) Fall 2011.

Universidad Torcuato Di Tella, Buenos Aires, Argentina.

- Teaching Assistant: Microeconomics I (Graduate). M. A. in Economics. 2010.
- Teaching Assistant: Applied Time Series (Graduate). M. A. in Finance. 2010.
- Teaching Assistant: Time Series (Graduate). M.A. in Economics. 2009.
- Teaching Assistant: Advanced Microeconomics (Undergraduate). 2009-2010.
- Teaching Assistant: Math Camp. 2006-2009.

Advising

- 2023 Bruno Furtado. Columbia University. Committee Member
Yu Fu Wong. Columbia University. Committee Member
- 2019 John Pang. California Institute of Technology. Committee Member
Juba Ziani. California Institute of Technology. Committee Member
- 2018 Esteban Peralta. Yale University. Committee Member
First job: University of Michigan, Ann Arbor.

Other Positions

- 2019-2020 **Faculty in Residence**, *Bechtel Residence*, California Institute of Technology.

Outside Activities

None.