

# Mario D. Molina

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## APPOINTMENTS

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### **New York University Abu Dhabi**

August 2020 - present. Postdoctoral Associate, Social Science Division.

### **Cornell University**

June 2021 - present. Research Fellow, Center for the Study of the Economy and Society.

## EDUCATION

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### **Cornell University**

2020. Ph.D in Sociology (*Minor in Statistics*)

*Dissertation Committee:* Michael W. Macy (chair), Victor Nee (co-chair), Filiz Garip, and Martin Wells (Statistics).

2017. M.A., Sociology

### **Universidad Católica de Chile**

2011. M.A., Sociology

### **Universidad de los Andes, Chile**

2009. B.A., Philosophy

2008. B.A., Education

## PUBLICATIONS

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- **Molina, Mario D.**, Nancy Chau, Amanda Rodewald, and Filiz Garip (2022). "How to model the weather-migration link: A machine-learning approach to variable selection in the Mexico-U.S. context." *Journal of Ethnic and Migration Studies*.
- **Molina, Mario**, Victor Nee, and Hakan Holm (2022). "Cooperation with strangers: Spillover of community norms." *Organization Science*.
- Filiz Garip and **Molina, Mario D.** (2021). "Network amplification", chapter 16, pp. 306-320. In *Research Handbook on Analytical Sociology*, Gianluca Manzo (ed.), Massachusetts, USA: Edward Elgar.
- **Molina, Mario D.**, Mauricio Bucca, & Michael Macy (2019). "It's not just how the game is played, it's whether you win or lose." *Science Advances*, vol. 5, eaau1156.
- **Molina, Mario** & Filiz Garip (2019). "Machine learning for sociology." *Annual Review of Sociology*, vol. 45.
- **Molina, Mario** (2013), "Unity between Sensibility and Understanding. The Origin of the Critical Problem". *Revista de Filosofía*, vol. LXIX, 195-213.

## WORK IN PROGRESS

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- **Molina, Mario D.** "To rest on one's laurels: Effectiveness and stability of status orders." (*Draft available*)

- Drouhot, Lucas, **Mario D. Molina**, & Filiz Garip. "Integration or fragmentation? Cultural diversity and friendship networks among European adolescents." (*Finalizing manuscript*)
- Occhiutto, Nicholas and **Mario D. Molina**. "The social structure of asset bubbles: The case of the Taxicab medallion in New York City." (*Revising manuscript*)
- Asad, Asad L. and Neil Jr. Lewis, and **Mario D. Molina** "Profiles of psychological distress among immigrants in the United States, 2011-2018." (*Data analysis*)
- Pan, Rui, **Mario D. Molina**, and Minsu Park. "Status and team disruption among K-pop bands." (*Data analysis*)
- Makovi, Kinga and **Mario D. Molina**. "How do conservatives and liberals apply fairness principles when they have information about group membership and the structure of economic opportunity?" (*Data analysis*)
- **Mario D. Molina**, Nicholas Heiserman, and Mauricio Bucca. "Why might the affluent level a playing field that advantages them? An experimental approach to the study of redistribution of opportunity." (*Research design*)
- Bucca, Mauricio and **Mario D. Molina**. "Inequality of opportunity and outcomes, and its effects on the legitimacy of inequality and social cohesion." (*Research design*)

## OTHER PUBLICATIONS

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### Books (in Spanish)

- Molina, Mario (2012). "The Emergence of Pure Sensibility" . Cuadernos de Anuario Filosófico: Pamplona, Spain.

### Book Reviews (in Spanish)

- Jauregui, Claudia. "Sentido Interno y Subjetividad. Un análisis del problema del auto-conocimiento en la filosofía trascendental de I. Kant". *Methodus: International Journal for Modern Philosophy*, n. 4, 2009.
- Maimon, Solomon. "Versuch über die Traszendentalphilosophie". *Methodus: International Journal for Modern Philosophy*, n. 3, 2008.
- Placencia, Luis. "La ontología del espacio en Kant: Un estudio genético-sistemático sobre los fundamentos metodológicos y metafísicos de la teoría del espacio como intuición pura en la 'Estética trascendental' ". *Methodus: International Journal for Modern Philosophy*, n. 2, 2007.

## FELLOWSHIPS, AWARDS, AND GRANTS

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2022. Reserch Grant for the Project *How do conservatives and liberals apply fairness principles when they have information about group membership and the structure of economic opportunity?* (\$ 10,000). Social Science Division, New York University Abu Dhabi.

2019. Research Travel Grant for Dissertation project. (\$2,000). Graduate School, Cornell University.

2018. Seed Grant for the Project *The co-evolution of ingroup favoritism and group structure in online communities* (\$1,500). Center for the Study of Inequality, Cornell University.

2016. Research Grant for the Project *Talent, Circumstances, or Luck? An Experimental Approach to the Study of Beliefs about Inequality and Fairness*. (\$3,000). Center for the Study of Inequality, Cornell University.

2015. Seed Grant for the Project *Legitimation or Differential Perception? An Experimental Approach to the Study of Beliefs about Inequality*. (\$1,500). Center for the Study of Inequality, Cornell University.

2013-2017. Fellowship for Doctoral Studies in the United States. Fulbright.  
2013-2017. Chile's National Fellowship for Doctoral Studies abroad. Becas Chile, Conicyt.  
2010-2011. Fellowship for Master Studies in Chile. Fundacion Volcan Calbuco.  
2007. Hochschulwinterkurs. University Winter Course in Germany for Foreign Students (at Leipzig Universitaet). Deutscher Akademischer Austausch Dienst (DAAD).

## ADDITIONAL TRAINING AND INTERNSHIPS

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### Princeton University

2021. Summer Institute in Computational Social Science (Summer).

### Max Planck Institute

2021. Topics in Digital and Computational Demography (Fall). *Declined*.

### Santa Fe Institute

2019. Advanced Graduate Workshop in Computational Social Science (Summer).

2017. Graduate Workshop in Computational Social Science (Summer).

### Facebook

2018. Research Scientist in the Demography and Survey Sciences team (Summer).

## RESEARCH EXPERIENCE

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### Cornell University

2018-2020. Research Assistant to Prof. Filiz Garip. Department of Sociology.

2017-2019. Research Assistant to Prof. Victor Nee. Department of Sociology.

### Universidad Católica de Chile

2012-2013 Research Assistant to Prof. Florencia Torche. Department of Sociology.

### Universidad de los Andes

2007-2009. Research Assistant to Prof. Hugo Herrera. Department of Philosophy.

## PRESENTATIONS (SELECTED)

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### 2021

“Cooperation with strangers: Spillover of community norms.” **Center for Behavioral Institutional Design** (C-BID), New York University Abu Dhabi.

“Machine Learning for Sociology.” Symposium *No Free Lunch: Machine Learning & Qualitative Dokumentenanalyse - Practical and Methodological Insights*, organized by the **German Centre for Higher Education Research and Science Studies** (DZHW). (*invited*)

“Resting on your laurels? Status dynamics and individual performance in a large online community.” **American Sociological Association** (ASA), 2021 Annual Meeting.

“The social structure of asset bubbles: The case of the Taxicab medallion in New York City.” **Society for the Advancement of Socio-economics** (SASE), 2021 Annual Conference (with Nicholas Occhiutto).

2020. “Cooperation with strangers: Spillover of community norms.” **Economic Sociology Colloquium Series**, CSES, Cornell University.

2019. “Resting on your laurels? Status dynamics and individual performance in a large online community.” **GWCSS Alumni Conference**, Santa Fe Institute.

2019. "Resting on your laurels? Status dynamics and individual performance in a large online community". **Inequality Discussion Group**, CSI, Cornell University.
2018. "It's not just how the game is played, it's whether you win or lose.". **American Sociological Association (ASA)**, 2018 Annual Meeting.
2018. "It's not just how the game is played, it's whether you win or lose.". **Population Association of America (PAA)**, 2018 Annual Meeting.
2016. "Talent, Circumstances, or Luck? An Experimental Approach to the Study of Beliefs about Inequality and Fairness." (*Poster Presentation*). **Conference on Digital Experimentation**, MIT.
2015. "Can Group Level Norms Help Predict Future Attitudes?" **8th Annual Meeting of the International Network of Analytical Sociologists**, Harvard University.
2015. "Can Group Level Norms Help Predict Future Attitudes?" **XXXV Sunbelt Conference of International Network for Social Network Analysis**, 2015 Annual Meeting.
2012. "Power Resources Theory: A Reconstruction Micro-Macro." **II ISA Forum of Sociology**, Universidad de Buenos Aires.
2009. "The Problem of the a priori Manifold: The Kants Response to the Salomon Maimons Critic." **National Congress for Philosophy**, Santiago Library. Santiago, Chile. (*in Spanish*)
2009. Discussant for "Theory of Action in Hegel." **III Congress on Modern Philosophy**, Universidad Católica de Chile. (*in Spanish*)
2008. "On the Distinction between sensibility and understanding in the Dissertatio and the Critique of Pure Reason.". **II Congress on Modern Philosophy**, Universidad de los Andes (Santiago, Chile). (*in Spanish*)
2007. "The Reform of the Notion of Object in Critical Philosophy." **Workshop on Modern Philosophy**, Universidad de los Andes (Santiago, Chile). (*in Spanish*)
2007. "The Emergence of Pure Sensibility as a Receptive Capacity in the Theoretical Knowledge in the Critique of pure Reason". **I Congress on Modern Philosophy**, Universidad de Chile. (*in Spanish*)

## TEACHING EXPERIENCE

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### Lecturer

- 2012-2013. *Social Ethics*. Department of Sociology, Universidad Católica de Chile.
2010. *Modern Philosophical Thought*. Department of Communication and Media, Universidad de los Andes (Santiago, Chile).

### Teaching Assistant

2019. *Introduction to Economic Sociology*. Department of Sociology, Cornell University.
2011. *Social Research Laboratory I* (Master level). Department of Sociology, Universidad Católica de Chile.
2011. *Methods and Techniques for Social Research*. Department of Sociology, Universidad Católica de Chile.
2008. *Philosophical Thinking*. Department of Law, Universidad Andrés Bello.
2007. *Philosophical Anthropology*. Department of Business and Administration, Universidad de los Andes (Santiago, Chile).
2004. *Contemporary Philosophy*. Department of Philosophy, Universidad de los Andes (Santiago, Chile).
2003. *Philosophical Anthropology*. Department of Business and Administration, Universidad de los Andes (Santiago, Chile).

**High School Teacher**

2008-2010. *Teacher in Philosophy* (part-time job). Colegio Cordillera de las Condes.

2005-2009. *Teacher in Philosophy* (part-time job). Colegio Arrayanes.

**REVIEWER**

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*American Sociological Review, Sociological Science, Social Forces, Sociological Methodology, Demography, Social Science Research, Sociological Forum, Political Analysis, Plos One, Economic Modelling, Cities, AERA Open.*

**PROGRAMMING SKILLS**

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Python, R, L<sup>A</sup>T<sub>E</sub>X, Git, Unix, Stata.

**LANGUAGES**

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Spanish (*native*), English (*fluent*).