Mario D. Molina

A5-1195, Social Science Divison, New York University Abu Dhabi

mdmolina@nyu.edu

www.mariodmolina.com

last updated: September 6, 2024

ACADEMIC APPOINTMENTS

New York University Abu Dhabi
Assistant Professor, Social Research and Public Policy (2024 – Present).

New York University Abu Dhabi
Postdoctoral Associate, (2020 – 2024).

EDUCATION

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

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.

WORKING PAPERS AND UNDER REVIEW

Molina, Mario D.. "To rest on one's laurels?: Limitations of status orders for cooperation systems."

Drouhot, Lucas, **Mario D. Molina**, & Filiz Garip. "Divided in diversity? Majority-minority ties and cultural difference in friendship networks among European adolescents."

Makovi, Kinga and **Mario D. Molina**. "Unequal pay for unequal work? Uncertain performance and Ffairness in the workplace."

Occhiutto, Nicholas and **Mario D. Molina**. "Brokering price bubbles: The case of the taxicab medallion bubble in New York City."

WORK IN PROGRESS

Molina, Mario D.. "The influence of high-status individuals on group-level cooperation."

Bucca, Mauricio and **Mario D. Molina**. "Do people *really* prefer unequal societies? An experimental study on fairness concerns."

Molina, Mario D. and Mauricio Bucca. "Is fairness contagious? An online experiment on the spread of fairness beliefs."

Asad, Asad L., Amy Johnson and **Mario D. Molina**. "On the margins: Categorical typicality and psychological distress in the United States, 2011-2018."

Pan, Rui, **Mario D. Molina**, and Minsu Park. "Status differences and team disruption among K-pop bands using Wikipedia edits."

Molina, Mario D. and Inna Smirnova. "The effect of negative status changes on voluntary contributions to a large Q&A community."

FELLOWSHIPS, AWARDS, AND GRANTS

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

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

Max Planck Institute for Demographic Research
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).

PRESENTATIONS (SELECTED)

"To rest on one's laurels: Effectivenes and sustainability of status orders."
   Max Planck Insitute for Demographic Research, Rostock (2022). *Invited* (scheduled).

"Cooperation with strangers: Spillover of community norms."
   Center for Behavioral Institutional Design (C-BID), New York University Abu Dhabi (2021).

"Machine Learning for Sociology."
   German Centre for Higher Education Research and Science Studies (DZHW) (2021).
Invited.

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

"How to model the weather-migration link: A machine-learning approach to variable selection in the Mexico-U.S. context."
   United Nations (2020). *Invited*
   Advanced Statistics, Ph.D. course, Sociology Deparment, Cornell University (2020). *Invited.*

"Cooperation with strangers: Spillover of community norms."
   Economic Sociology Colloquium Series, CSES, Cornell University (2020).

"Resting on your laurels? Status dynamics and individual performance in a large online community."
   GWCSS Alumni Conference, Santa Fe Institute (2019).
   Inequality Discussion Group, Center for the Study of Inequality, Cornell University (2019).

"It's not just how the game is played, it's whether you win or lose."
   American Sociological Association (ASA), Annual Meeting (2018).
   Population Association of America (PAA), Annual Meeting (2018).
   Conference on Digital Experimentation, MIT (2016).

"Can Group Level Norms Help Predict Future Attitudes?"
   International Network of Analytical Sociologists, INAS, Harvard University (2015).
   Sunbelt Conference, INSNA, Annual Meeting (2015).

REVIEWER

American Sociological Review, American Journal of Sociology, Sociological Science, Social Forces, Sociological Methodology, Sociological Methods & Research, Demography, Social Science Research, Sociological Forum, Political Analysis, Socius, Plos One, Economic Modelling, Cities, AERA Open.

PROGRAMMING SKILLS

Python, R, Bash, PySpark, LaTeX, Git, Stata.