

José Daniel Conejeros, MSc, BSc

MSc in Sociology & Statistics | Pontificia Universidad Católica de Chile

✉ jd-conejeros.com | ✉ jdconejeros@uc.cl | ☎ +56 9 6492 4057 | 🌐 github.com/JDConejeros

🔗 orcid.org/0000-0003-3402-4361 | 📄 Jose-Conejeros | 🌐 joseconejerosp | 🐦 jose_conejeros

Areas of Interest: Social vulnerabilities, infectious diseases, physical and mental health and statistical modeling techniques.

Education

MSc in Statistics Department of Statistics. Pontificia Universidad Católica, Chile.	2022–2023
MSc in Sociology Institute of Sociology. Pontificia Universidad Católica, Chile.	2018–2021
BSc in Social Science College Program: Major in Sociology & Minor in Public Policy. Pontificia Universidad Católica, Chile.	2013–2017

Professional Employment

Multidisciplinary Initiative for Bacterial Resistance Research Data Analyst. Ref.: Eduardo Undurraga, eundurra@uc.cl	2021–2023
FONDECYT Regular N° 1211933 Excess morbidity, mortality, and economic burden associated with the presence of multiresistant bacteria in intensive care units in Chile. Research assistant. Ref.: Eduardo Undurraga, eundurra@uc.cl	2021–2023
FONDECYT Regular N° 1190436 The position of oneself in society: fairness and unfairness in the social mirror. Research assistant. Ref.: Oscar Macclure, oscar.macclure@gmail.com	2019–2021

*A Fondecyt Regular is a scientific research project funded by the National Agency for Research and Development (ANID, Chile).

Publications

Journal articles

Allel, K., Peters, A., **Conejeros, J.**, Martínez, J. R. W., Spencer-Sandino, M., Riquelme-Neira, R., Rivas, L., Rojas, P., Orellana Chea, C., García, P., Araos, R., McGovern, O., Patel, T. S., Arias, C. A., Lessa, F. C., Undurraga, E. A., & Munita, J. M. (2023). Antibiotic Consumption During the Coronavirus Disease 2019 Pandemic and Emergence of Carbapenemase-Producing *Klebsiella pneumoniae* Lineages Among Inpatients in a Chilean Hospital: A Time-Series Study and Phylogenomic Analysis. *Clinical Infectious Diseases*, 77(Supplement_1), S20–S28.

Alvarez, D. M., Barrón-Montenegro, R., **Conejeros, J.**, Rivera, D., Undurraga, E. A., & Moreno-Switt, A. I. (2023). A review of the global emergence of multidrug-resistant salmonella enterica subsp. Enterica serovar infantis. *International Journal of Food Microbiology*, 403, 110297. <https://doi.org/>

Work in progress

Conejeros, J. (2023). *Effect of socioeconomic inequalities and vulnerabilities on health-system preparedness and response to COVID-19 in Chile. Evidence for future pandemics.*

Conejeros, J., Allel, K., Peters, A., Undurraga, E., & Munita, J. (2023). *Antibiotic consumption and the emergence of resistant bacteria: A pre-post COVID-19 study for 4 hospitals in Chile.*

Conejeros, J., Crossley, N., Undurraga, J., Undurraga, E., Claro, S., & Vasquez, J. (2023). *Premorbid school performance in a population-based cohort of treatment-resistant schizophrenia in Chile.*

Conejeros, J., & Undurraga, E. (2023). *Unraveling tuberculosis in Chile: Spatiotemporal trends and social determinants (2011–2021).*

Spencer-Sandino, M., **Conejeros, J.**, Undurraga, E., & Munita, J. (2023). *Effect of the combined use of copper alloy objects and copper-enriched textiles on the burden of MDRO colonization and the incidence of in-hospital disease in the critically ill population. Evidence from a pilot study.*

Book chapters

Miranda, D., Castillo, J. C., Miranda, C., & Conejeros, J. D. (2022). Trust in political institutions and support for authoritarianism: Latin american students – does civic knowledge make a difference? In A. Weinberg (Ed.), *Psychology of democracy: Of the people, by the people, for the people* (pp. 173–194). Cambridge University Press.

Barozet, E., Mac-Clure, O., Conejeros, J., & Jordana, C. (2021). Debe ser un niño que tiene rabia, que tiene como un dolor con la sociedad. In S. Alé, K. Duarte, & D. Miranda (Eds.), *Saltar el torniquete: Reflexiones desde las juventudes de octubre* (pp. 133–140). Fondo de Cultura Económica.

Conferences, Workshops, and Talks

Chilean Conference of Infectious Diseases Coquimbo, Chile
Chilean Society of Infectious Diseases 2023

1. Unraveling tuberculosis in Chile: spatiotemporal trends and social determinants (2011-2021).
2. The economic and disease burden of infections with resistant bacteria in hospitals in Chile.

School of Public Health of the University of São Paulo Sao Paulo, Brasil
School of Advanced Science on Epidemic Preparedness 2023

Antibiotic consumption and the emergence of resistant bacteria: A pre and post COVID-19 time series study for three hospitals in Chile.

Latin American Congress of Sociology Lima, Perú
Universidad de San Marcos 2019

Ethnic Discrimination in Political Participation for Indigenous People: Results of a List Experiment.
Toxic education: a multilevel approach to an ecological problem. SO₂ exposure and academic performance.

1st National Meeting on Social Research Methods and Techniques Rancagua, Chile
Universidad de O'Higgins 2019
Social desirability and sensitivity bias in ethnic discrimination.

Teaching

Undergraduate

School of Sociology | Diego Portales University 2023–Present
Assistant teacher: Big-Data for social science; Statistics I.

Business School | Adolfo Ibañez University 2023–Present
Assistant teacher: Data-driven approach to public policies.

School of Sociology | Mayor University 2021–2022
Assistant teacher: Statistics I, II & III, Data Analysis.

Postgraduate

School of Government | Pontificia Universidad Católica 2023/S1–2023/S2
Assistant teacher: Public Policy Impact Assessment Workshop.

Professional Education | School of Engineering | Pontificia Universidad Católica 2022–Presente
Assistant teacher: R Workshop, Data-driven approach to public policies.

Professional Memberships

Multidisciplinary Initiative for Bacterial Resistance Research 2019
Microb-R, Chile. Acceso: <https://microb-r.org/>

Chilean Society of Statistics 2022
Soche, Chile. Acceso: <https://soche.cl/>

Profesional Service

Research Consulting ONG Enseña-Chile Technical analysis of questionnaires for the Schools that Learn program.	2021
Research Consulting Fundación tiempos nuevos Evaluation of internal programs of the Mirador Interactive Museum.	2021
Profesional Staff Vínculo y Desarrollo Profesional College UC Analysis, management and reporting of alumni data for the College UC program.	2019
Research Consulting Consejo Nacional de Innovación para el Desarrollo (CNID) Analysis of the Anticipating Horizons for Chile Project: Exploring Emerging Areas in Science and Humanities.	2018

Certificates and Training

Certificate programa in Data Science (150 hrs.) Faculty of Mathematics. Pontificia Universidad Católica, Chile.	2020
Longitudinal Data Analysis (33 hrs.) Course on longitudinal survey analysis. Institute of Sociology. UC, Chile.	2019 - 2020
Efficient Data Management with STATA (33 hrs.) Course of data managment with STATA. Institute of Sociology. UC, Chile.	2019
School of Experimental Methods (90 hrs.) Course on experiments in social sciences. Centre for Experimental Social Sciences (CESS), Chile.	2019
Business Administration Technician Higher Level Technical Career in Business Administration. DUOC UC.	2008 - 2009

Special Skills

Statistical Analysis and Visualization

Generalized linear models (GLM) - Mixed Models - Structural Equation Models (SEM) - Spatio-Temporal Statistics - Causal inference - Transmission Models (SIR) - Tableau - PowerBi - Ggplot2 - Matplotlib

Statistical Programming

R - Python - STATA - SQL (Queries) - Matlab - IBM SPSS - EXCEL

Reports and presentations

Latex - Markdown - Quarto - Zotero - Mendeley - Word - Power Point

Open reseach

Git - Github

Languages

Spanish (Native) - English (B1, Duolingo English Test: 80 points)

Scholarships and awards

PhD studies in the United States. Fulbright Comission. BIO-Fulbright Scholarship (USD 200.000)	2023
Expense Scholarship, School of Advanced Science on Epidemic Preparedness. School of Public Health of the University of São Paulo, Brasil (USD 2.000)	2023
Teaching Innovation: 'Training in Programming Languages for Social Statistics (FPES)' Academic Vice Presidency, Diego Portales University (USD 600)	2023

Beca San Andrés, College UC. National MSc Scholarship at Department of Statistics (USD 4.000)	2021
Fundación Volcán Calbuco. National MSc Scholarship at Institute of Sociology (USD 3.000)	2019
Centro de Estudios y la Cohesión Social (COES). National MSc Scholarship at Institute of Sociology (USD 3.000)	2019-2020

Service

Social Participation

1st Data Science in Health Conference University of Chile Organizing Team.	2023–2024
College Program UC Pontifical Catholic University of Chile Founder, Alumni College UC.	2020–2022
College Program UC Pontifical Catholic University of Chile Student Representation: Academic Adviser.	2017/S1–2017/S2
IdeaPaís Foundation Research Internship: “Ninis, Neither Studying nor Working”.	2016/S2–2017/S1
Teletón Foundation Care Volunteer.	2013/S1–2013/S2

Teaching Assistants (student)

School of Government Pontifical Catholic University of Chile Data Analysis I & II; Impact Evaluation Workshop.	2020–2023
School of Engineering Pontifical Catholic University of Chile Approaching Public Policies through Data; Data for Impact Evaluation in Public Policies.	2021–2022
School of Sociology Diego Portales University Big Data for Social Sciences.	2021–2021
Institute of Sociology Pontifical Catholic University of Chile Evaluation of Social Projects; Social Research Methodology; Data Analysis I, II & III; Design and Analysis of Social Research.	2019–2021

References

Eduardo A. Undurraga, PhD School of Government, Pontificia Universidad Católica eundurra@uc.cl Tel: +56 2 2354 9536	Chile Associate Professor
Pablo Celhay, PhD School of Government, Pontificia Universidad Católica pacelhay@uc.cl	Chile Associate Professor
Carolina Méndez, PhD Speech-Language Pathology School, Pontificia Universidad Católica carolinamendez@uc.cl	Chile Associate Professor

This document was prepared in R-markdown with the ‘vitae’ library.
To replicate you can use the source code here: <https://github.com/JDConejeros/CV>