

CURRÍCULUM VITAE

PERSONAL BACKGROUND

Name	MARÍA ISABEL MATUTE WILLEMSEN.
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EDUCATION

1991–1996	Bachelor's Degree in Sociology from the Universidad de Chile.
2000	Postgraduate: Design and Evaluation of Social Programs and Projects, in the Department of Sociology of the Universidad de Chile.
2004	Certificate in Regional Studies, mention in Latin America, from the Universidad de Santiago de Chile.
2010–2011	Master's Degree in Public Health from the School of Public Health of the Universidad de Chile.
2021	Doctoral Candidate in Public Health, mention in Epidemiology and in Health Systems and Services, Universidad de Ciencias Empresariales y Sociales, Buenos Aires, Argentina.
Titles and degrees	Sociologist, Graduated in Sociology. Master's Degree in Public Health.

WORK EXPERIENCE

Current Occupation	Regular research associate professor at the Universidad del Desarrollo, working for the Center for Epidemiology and Public Health Policies (CEPS) in the Faculty of Medicine Clínica Alemana-Universidad del Desarrollo.
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Research

2021	Co-researcher of the Fondecyt Regular project, "Solving the unsolved: an interdisciplinary evaluation of personal, social and health system effects of the use of genomic strategies for rare undiagnosed disorders," led by Dr. Gabriela Repetto.
2021	Reviewer for BMC Public Health.
2020	Co-researcher of the study, "Barriers and facilitators in access to medicines for priority non-communicable diseases in Chile: hypertension, dyslipidemia and diabetes," led by researcher Carla Castillo from CEPS, with funding from FONIS (SA19I0174).
2020	Co-researcher of the "Study of seroprevalence against SARS-CoV2 infection during pandemic times in long-term care institutions for the elderly in three regions of Chile," developed by the National Service for the Elderly, Fundación Chile, Ministry of Science, Technology, Knowledge and Innovation, Universidad Adolfo Ibáñez and Universidad del Desarrollo.

- 2020 Co-researcher of the study, "Seroprevalence of SARS-CoV-2 and associated factors in health personnel potentially exposed to patients with COVID-19 in Primary Health Care of the commune of La Pintana," led by Dr. Andrea Olea, with the participation of the Núcleo Milenio MICROB-R, Clínica Alemana, UDD Bioethics Center and La Pintana Health Centers.
- 2020 Researcher in charge of the study, "Physical activity and sport in Chile during the Covid-19 pandemic."
- 2020 Reviewer for the PLOS journal.
- 2019 Co-researcher of the project, "Development of the methodological proposal for the analysis of the Essential Public Health Functions (FESP)," carried out by CEPS for PAHO.
- 2019 Co-researcher of the study, "Population exposure in Chile to the smoking imagination in TV programs," directed by researcher Armando Peruga of the Center for Epidemiology and Health Policies (CEPS) of the Faculty of Medicine Clínica Alemana-Universidad de Desarrollo, with funding from FONIS (SA18I0024).
- 2018–2019 Co-researcher of the study, "Monitoring of Compliance with the Tobacco Law in Chile," carried out by CEPS for the World Health Organization and Ministry of Health.
- 2018–2019 Co-researcher of the project, "Integration of Public Health contents in the Medical program curriculum: Structure and operation of the Chilean health care system. Population Health Series N°2," carried out by CEPS, funded by the 2017 competition for Projects of Innovation and Strengthening Teaching at the Universidad del Desarrollo.
- 2018 Coordinator of the study, "Preparation of the Questionnaire and Recommendations for Biophysiological and Psychosocial Measurements for the First National Survey of Child Health and Early Adolescence (ENSI)," carried out by CEPS for the Ministry of Health.
- 2017 Advisor for the study, "The Calles Abiertas program in the Metropolitan Region. Monitoring and evaluation of its development," carried out by Media Ltda. for the National Institute of Sports with funding from the National Fund for the Promotion of Sports (FONDEPORTE N° 1600120008).
- 2016–2017 Co-researcher of the study, "Cost effectiveness of the rapid test for the detection of infectious diseases in prison population: syphilis," led by researcher Carla Castillo from CEPS, with funding from FONIS (SA15 | 20311).
- 2016 Co-researcher of the UDD interfaculty project: "The maternity protection subsidy and Law 20.545 on parental postnatal care. A look at equity three years after the implementation of the law," led by researcher Iris Delgado from CEPS.
- 2016 Analysis of the "Longitudinal study on the progress of narrative performance in a group of children, 4 to 13 years of age with 11 months of bilateral sensorineural hearing loss, adapted with hearing aid located in category 6 of Geers and Moog, of a Private Health Care Center of the Metropolitan Region," carried out as part of a Research Promotion project for the Universidad del Desarrollo, led by the Flga.

Pamela Tomicic.

- 2015 Co-researcher of the "Diagnostic study: profile of the consulting population of the disability qualification and certification process," carried out by CEPS and funded by PAHO.
- 2015 Co-researcher of the study, "Application of the monitoring and evaluation instrument of access and universal coverage in health PAHO/WHO in Chile," carried out by CEPS for the Ministry of Health and PAHO.
- 2014–2017 Co-researcher of the study, "Disability and Aging: Impact of GES Assistive Devices on the functional capacity of people 65 years of age and older, prospective study," led by researcher Macarena Hirmas from CEPS, with FONIS funding (SA13/20089).
- 2013–2014 Consultant on the "Study of characterization of women recently diagnosed with HIV/AIDS, from the Arica, Parinacota, and Metropolitan Regions," carried out by Media Ltda. for the Ministry of Health.
- 2013–2014 Co-coordinator of the study, "Risk factors and clinical and sociodemographic profile of cases of meningococcal disease (MS) confirmed during 2012 and the first quarter of 2013 in Chile," carried out by CEPS for the Ministry of Health.
- 2012 Online survey analysis of the project, "Methodological proposal to include the Social Determinants of Health approach in Health plans" developed by CEPS for the Ministry of Health and Social Protection of Colombia, conducted through Agreement 485 of Technical Cooperation between the Ministry of Health and Social Protection of Colombia and the Pan American Health Organization.
- 2011–2012 Services to UNAIDS and the National HIV/AIDS and STI Program of the Ministry of Health, for the preparation of the National Report on the Progress in the Application of the UNGASS Commitments on HIV/AIDS, Chile 2012.
- 2011 Services to UNAIDS and the National HIV/AIDS and STI Program of the Ministry of Health, for consultation on Universal Access to HIV/AIDS and preparation of a matrix of indicators to evaluate the National Response to HIV/AIDS and STIs.
- 2010 Services to UNAIDS and CONASIDA to carry out HIV/AIDS estimates for Chile based on the EPP and SPECTRUM statistical programs.
- 2010 Services to UNAIDS and CONASIDA for the preparation of the Universal Access Report on HIV/AIDS Chile 2010 and the National Report on the Progress in the Application of the UNGASS Commitments on HIV/AIDS, Chile 2010.
- 2010 Focus groups for the project, "Construction and validation of a child quality of life instrument in Chilean children 3 to 5 years of age (CVIEP)" developed by the School of Public Health of the Universidad de Chile with FONIS funding.
- 2010 Methodological advising for the study, "Description of Informal Sports Activities, organized by Youth Groups in Public Spaces of Greater Santiago," carried out by the consultant Fernando Soto for the National Institute of Sports Metropolitan Region.
- 2009 Co-researcher of "Analysis of the Potential Demand for Physical and Sports Activity in Older Adults," carried out by the consultant, Isabel Matute Consultoría en Ciencias

Sociales MEDIA E.I.R.L. for the National Institute of Sports.

- 2008 Study coordinator of "The use of the bicycle in Greater Santiago. A descriptive-prospective approach," carried out by the consultant, Isabel Matute Consultoría en Ciencias Sociales MEDIA E.I.R.L. for the National Institute of Sports.
- 2008 Co-researcher of the study, "Technical evaluation of results of the Chiledeportes intervention with older adults. Application of a quasi-experimental model in the Sixth and Metropolitan regions," carried out by the consultant, Isabel Matute Consultoría en Ciencias Sociales MEDIA E.I.R.L. for the National Institute of Sports.
- 2008 Co-researcher of the study, "Profile of regional sports associationism (Sixth Region)," carried out by the consultant, Isabel Matute Consultoría en Ciencias Sociales MEDIA E.I.R.L. for the National Institute of Sports.
- 2008–2009 Coordinator of the Study of HIV Prevalence and Associated Factors in Men who have Sex with Men–CHIPREV, carried out by UNAIDS, PAHO and MINSAL, VIVOPOSITIVO, MUMS and ASOSIDA.
- 2007 Co-researcher of the study, "The Municipal Management of Sports and Physical Activity. Assessment and Strategies," carried out by the consultant, Isabel Matute Consultoría en Ciencias Sociales MEDIA E.I.R.L. for the National Institute of Sports.
- 2006 Methodological advising for the study, "Development Associated with Federated Sports," carried out by the consultant Fernando Buguñá for the National Institute of Sports.
- 2005 Quantitative analysis for the study, "Measurement of the Quality of Physical Education," developed by the GDS consultant for the National Institute of Sports.
- 2003–2004 Coordinator of the study, "Physical Activity and Sports in the University Environment," carried out by the consultant, Isabel Matute en Ciencias Sociales MEDIA E.I.R.L. for the National Institute of Sports.
- 2002–2003 Oversaw the qualitative area of the study, "Eating Habits of Young People and Aesthetic Cultural Patterns," carried out by the consultant, Fernando Soto for the National Institute of Youth.
- 2002 Coordinator of the data collection for the study, "Generation of Knowledge on Volunteering in Chile and Abroad," carried out by Alcalá Consultores Ltda., for the Division of Social Organizations of the Ministry General Secretariat of Government, with funding from the IDB.
- 2001–2002 Oversaw the qualitative area of the study, "Young People and the Use of Computers and the Internet," carried out by the consultant Fernando Soto for the National Institute of Youth.
- 2001–2002 Coordinator of the "Study of Satisfaction of Beneficiaries of Subprograms for Women and the Elderly," for the National Institute of Sports.
- 2001 Methodological advising for the study, "Compendium of Actions and Initiatives, about Sexuality, Prevention of Sexually Transmitted Diseases and AIDS, in the Youth Population," for the National Institute of Youth.

- 2001 Co-researcher of the study, "Approach to the Subprogram for Prison Inmates, from the Perspective of the Beneficiaries," carried out by the consultant Fernando Soto for the National Institute of Sports.
- 2001 Co-researcher of the study, "Evaluation of the Subprogram of the Prevention Area with Community Organizations Fund 1999," carried out by the NGO Interdisciplinary Program for Research in Education (PIIE) for the National Council for the Control of Narcotics.
- 2000 Co-researcher of the study, "Evaluation of New Youth Strategies in Youth Health," carried out by the consultant Fernando Soto for the National Institute of Youth.
- 1999 Coordinator of the study, "Evaluation of Beneficiary Satisfaction of the Youth Sports Youth Participation Project," for DIGEDER (currently IND).
- 1999 Coordinator of the study, "Evaluation of State Sports and Recreational Programs Aimed at the Young Population," for the National Institute of Youth.
- 1997 Co-coordinator of the study, "Women and Sports," for DIGEDER (currently IND).

Teaching Experience

- 2020 Instructor and supervising professor for the Certificate in Public Health taught by CEPS.
- 2016 to present Academic coordinator and supervisor for the Certificate in Field Epidemiology taught by CEPS.
- 2014 to present Supervising professor in the Epidemiology and Public Health course in the Medical Program of the Faculty of Medicine Clínica Alemana-Universidad del Desarrollo.
- 2014 Instructor of the Public Health course for the Dentistry Program, Faculty of Medicine, Clínica Alemana-Universidad del Desarrollo.
- 2013 to present Professor for the Interuniversity Master's in Bioethics, organized by the Bioethics Center of the Faculty of Medicine Clínica Alemana–University of Development, with the participation of the Borja Institute of Bioethics–Universidad Ramón Llull de Barcelona (Spain).
- 2013 to present Methodological advisor for the thesis in the Speech Therapy Program, Faculty of Medicine Clínica Alemana-Universidad del Desarrollo.
- 2013 to present Professor of Research Methodology course, Phonoaudiology, Faculty of Medicine, Clínica Alemana-Universidad del Desarrollo.
- 2012–2014 Instructor of the Public Responsibility course, for the Dentistry and Medical programs, Faculty of Medicine Clínica Alemana-Universidad del Desarrollo.
- 2012 to present Instructor of the Public Health course for the Common Plan programs, Faculty of Medicine Clínica Alemana-Universidad del Desarrollo.
- 2012–2017 Instructor of the Conceptual Bases of Public Health course, taught by CEPS to officials of the Ministerial Health Secretariats and the Undersecretariat of Public

Health.

Services to public institutions

- 2012–2013 Services to the Department of Epidemiology of the Ministry of Health in activities related to the preparation of the first National Survey of Child and Adolescent Health.
- 2011–2013 Services to the Department of Epidemiology of the Ministry of Health in activities related to specific analysis of the National Health Survey 2009-2010 and monitoring of non-communicable diseases.
- 2010–2012 Services to the Department of Epidemiology of the Ministry of Health in the framework of the preparation of the Third National Survey of Quality of Life and Health.
- 2008–2013 Services to the Department of Epidemiology of the Ministry of Health for conducting regional health assessments based on the Social Determinants of Health approach.
- 2009 Services to the Department of Epidemiology of the Ministry of Health for the analysis of the communal YPLL gaps in the context of the evaluation of the Health Objectives for the decade 2000–2010.
- 2003–2008 Professional services to the Comprehensive Care Component under the responsibility of CONASIDA, of the Project "Acceleration and Deepening of the National Intersectoral, Participatory and Decentralized Response to the HIV/AIDS Epidemic in Chile," conducted with funding from the Global Fund to Fight AIDS, TB and Malaria:
- Coordination, monitoring and evaluation of the project Associativity to Reduce Discrimination Against People Living with HIV in School and Work Settings, carried out by coordinated teams from SEREMIS de Salud.
 - Monitoring of studies acquired from CONASIDA.
 - Coordination of the Committee on Female Condoms.
 - Quantitative analysis of data from the Associative Council project.
 - Preparation of the research protocol for the Study of the Prevalence of HIV and Associated Factors in Men who have Sex with Men.
 - Coordination of the preparation of the Chile Report for UNGASS 2008.
- 2002 Co-researcher "Diagnosis on Gender Approach" that is part of the PMG of the National Institute of Sports (IND).
- 1999 Data collection on the DIGEDER Competition Sports program (today IND), for the Evaluation Panel of the Ministry of Finance.
- 1996–1997 Advisor to the Planning Department of DIGEDER (current IND), in the design, bidding and development of the project "National Sports Survey," conducted by the company MORI S.A.

Services for Private Institutions.

- 2011 Advising on the second phase of community intervention program, carried out by Epidemiología y Gestión Ltda.
- 2003 Co-researcher of the Navarino Island Sectional Plan, XII Region, carried out by

Geotécnica Consultores S.A.

- 2002 Responsible for the human environment in the feasibility study of the project, "Ruta Costera Colún - Río Bueno," carried out by Geotécnica Consultores S.A. for the Ministry of Public Works.
- 2002 Responsible for the human environment in the project, "PLADECO de Mejillones," carried out by Geotécnica Consultores S.A. for the I. Municipality of Mejillones.

Services to Foundations and NGOs.

- 1998 Workshop for the project "Promoting the Comprehensive Training of Women Leaders of Porvenir, Tierra del Fuego," funded by the SERNAM Civil Society Fund and conducted by the Community Union of Neighborhood Councils of the Porvenir commune.
- 1997 Professional Services to the National Foundation for the Overcoming of Poverty, working for the Country Service Program, in the Quilaco commune.
- 1996 Training of rural leaders in course organized by AGRA and conducted by the NGO GEA.
- 1995 Trainer of young people from the commune of Requínoa (VI Region) for the NGO GEA in FOSIS course.

Presentations and Participation in Conferences and Seminars

- May 2021 Olea A., Matute I, Hirmas H, González G, Munita J, Iruretagoyena M, Gómez MI, Nájera M. Seroprevalence of SARS-COV-2 in primary care health personnel, La Pintana commune. Presented by Andrea Olea at the VI Chilean Congress of Public Health and the VIII Chilean Congress of Epidemiology: Equity in health for a society in increasing complexity. May 2021.
- October 2020 Peruga A, Molina X, Delgado I, Matute I, Olea A, Hirmas M, González C, Aguilera X. Compliance with the smoking ban in workplaces and public places in Chile. Presented by Armando Peruga at the I Virtual Congress of the Spanish Epidemiology Society (see) and the Portuguese Association of Epidemiology (APE). Epidemiology, sustainability and social responsibility. October 2020.
- December 2018 Castillo-Laborde C, Matute I, Delgado I, Aguilera X. "Measurement of the socioeconomic position in health: considerations for Chile." Presented by Carla Castillo at the V Chilean Congress of Public Health and the VII Chilean Congress of Epidemiology. Concepción, 2018. Work published in Medwave Magazine 2019;19(Suppl 1): SP41.
- November 2018 Castillo-Laborde C, Nájera M, Gajardo P, Aguirre P, Ramírez H, Ramírez D, Céspedes A, Aguilera X, González C, Hirmas M, Matute I, Olea A, Delgado I. "Cost effectiveness of the rapid test for infectious disease detection in prison population: syphilis." Presented by Carla Castillo at the XXXV Chilean Congress of Infectology. Coquimbo, 2018.
- September 2017 Castillo-Laborde C, Nájera M, Gajardo P, Aguirre P, Ramírez H, Ramírez D, Céspedes A, Aguilera X, González C, Hirmas M, Matute I, Olea A, Delgado I. "Modelling the effect of syphilis screening at the entry point in Chilean Prisons." Poster presented at ISPOR 6th Latin America Conference. São Paulo, Brazil 2017.

- December 2016 Hirmas M, Poffald L, Olea A, Aguilera X, Delgado I, González C, Matute I, Nájera M, Gómez M, Vargas L, Espinoza S. "Cane, walker, and wheelchair: qualitative study from the perspective of key informants about the GES of assistive devices in three urban communes, Metropolitan Region 2014-15." Poster presented at the IV Chilean Congress of Public Health and VI Chilean Congress of Epidemiology. Coquimbo, 2016. Work published in *Medwave Journal* 2016;16(Suppl 6):e6637 doi: 10.5867/medwave.2016.6637.
- December 2016 Delgado I, Castillo C, Matute I, Marco C, Nájera M, Aguilera X, González C, Hirmas M, Olea A, Oyarte M, Apablaza M, Bravo M, Cabieses B. "Who benefits from the maternity protection subsidy? Inequality of the 5-year coverage of law 20.545 on parental postnatal care." Presented by Iris Delgado at the IV Chilean Congress of Public Health and VI Chilean Congress of Epidemiology. Coquimbo, 2016. Work published in the *Medwave Journal* 2016;16(Suppl 6):e6659 doi:10.5867/medwave.2016.6662.
- December 2015 Co-coordination of the "Conference on Mathematical Modeling in Epidemiology: Applications in decision-making in public health policies," carried out by the Center for Epidemiology and Health Policies of the Faculty of Medicine Clínica Alemana-Universidad del Desarrollo and the Analysis and Mathematical Modeling Valparaíso (AM2V) group of the Universidad Técnica Federico Santa María, as part of its associative project CONICYT Anillo AT 1106 Control Problems, Analysis & Applications (ACPA).
- November 2015 García G, Castro P, Tomicic P, Drápela J, Matute I, Mella N, Melo N y Puelma M. "Influence of the age of cochlear implantation in the development of acoustic perception skills of speech." Presented at the LXXII Chilean Congress of otorhinolaryngology, medicine and head and neck surgery. Viña del Mar, 2015.
- July 2014 Olea, A., Matute, I., López, D., Loayza, S., Delgado, I. and others. "Risk factors for meningococcal disease during 2012 and the first quarter of 2013 in Chile." Presented by Andrea Olea at the Third Chilean Congress of Public Health.
- September 2012 Speaker in the XV version of the National Epidemiology Workshop "New approaches in epidemiology." MINSAL. Santiago, September 25 and 26, 2012.
- November 2011 Rosso, F., Vallebuona, C., Matute, I. and Alfaro, T. "Epidemiological profile of health in Chile." Presentation made at Public Health Conference. School of Public Health, Universidad de Chile.
- November 2011 Rosso, F., Matute, I. and Vallebuona, C. "Epidemiological profile of the Elderly in Chile." Presentation made at Public Health Conference. School of Public Health, Universidad de Chile.
- November 2010 Matute, I., Nájera, M and Sgombich, X. "Regional Health Assessments with a Social Determinants Approach." Presentation made by Isabel Matute at the Second Chilean Congress of Public Health.
- October 2009 Matute, I. "Difficulties observed in the Chilean study to generate the recruitment crossing." Presentation made at the Respondent Driven Sampling Practical Implementation Workshop for the Dominican Republic meeting, organized by the Center for Disease Control and Prevention of the Dominican Republic.

PUBLICATIONS

Castillo-Laborde C, Gajardo P, Nájera-De Ferrari M, Matute I, Hirmas-Adaúy M, Aguirre P, Ramírez H, Ramírez D, Aguilera X. **Modelling cost-effectiveness of syphilis detection strategies in prisoners: exploratory exercise in a Chilean male prison.** *Cost Ef Resour Alloc* (2021) 19:5. (2021) 19:5 <https://doi.org/10.1186/s12962-021-00257-9>

Tomicic, P., García del Solar, G., Matute, I., Drapela, J., Marín, F., & Castro, P. (2020). **Evaluation of a pilot program to work narrative skills in children with hearing loss who use hearing aids.** *Chilean Journal of Speech Therapy*, 19, 1-9. doi:10.5354/0719-4692.2020.60184

Peruga A, Molina X, Delgado I, Matute I, Olea A, Hirmas M, González C, Aguilera X. **Compliance with the smoking ban in workplaces and public places in Chile.** *Health Gazette. Special Congress - Vol. 34 - October 2020.*

Peruga A, Molina X, Delgado I, Matute I, et al. **Compliance with the smoking ban in enclosed, semiopen and open areas of workplaces and public places in Chile.** *Tobacco Control* Published Online First: 23 July 2020. doi: 10.1136/tobaccocontrol-2020-055632.

Peruga A., Molina X., Delgado I., Matute I., Olea A., Hirmas M. et al. **Compliance with the smoking ban in urban public transportation in Chile.** *Tobacco Induced Diseases*. 2020;18(July):61. doi:10.18332/tid/125075.

Mella V, Baus B, Chuecas MF, De Bonis O, Farago D, Garib A, Guijón B, Quiñones P and Matute I. **Acute appendicitis: descriptive analysis of the epidemiological situation in Chile.** *Confluencia Journal*. Volume 2–Number 1–Year 2020.

Hirmas, M, Poffald, L, Olea, A, Aguilera, X, Matute, I, González, C, Delgado, I, Nájera, M, Gómez, M, Gallardo, L, Bustamante, H, Di Silvestre, M. (2020). **Do technical aids serve the elderly? Perception from Primary Care about this Explicit Health Guarantee, Santiago, Chile.** *Chilean Journal of Public Health*, 23(2), p. 105-115. doi:10.5354 / 0719-5281.2020.56346. <https://revistasaludpublica.uchile.cl/index.php/RCSP/article/view/56346>

González C, Castillo-Laborde C, Matute I: [ed.]. **Population health series: Structure and operation of the Chilean health care system.** Santiago, Chile: CEPS, Fac. of Medicine. CAS-UDD. 2019. <https://medicina.udd.cl/centro-epidemiologia-politicas-salud/>

Hirmas-Adaúy M, Olea A, Matute I, Delgado I, Aguilera X, Poffald L, González C, Nájera M, Gómez M, Gallardo L, Abusleme M, Leppe J, Mery H, Recabarren E, Massad C, Bustamante H. **Assistive devices for older adults: a longitudinal study of policy effectiveness, Santiago, Chile, 2014-2016.** *MEDICC Review*, April–July 2019, Vol 21, No 2–3. <http://mediccreview.org/wp-content/uploads/2019/07/MR-AprilJuly2019-OR-hirmas-assistive-devices.pdf>

Aguilera X, González C, Matute I, Nájera M and Olea A. **Population Health Series. Noncommunicable Diseases in Chile, epidemiological and public health aspects.** Santiago, Chile. Universidad del Desarrollo. 2016. ISBN 978-956-7961-89-4

Delgado I, Cabieses B, Apablaza M, Castillo C, Aguilera X, Matute I, Nájera M, Pericàs JM, Benach J. (2019). **Evaluation of the effectiveness and equity of the maternity protection reform in Chile from 2000 to 2015.** *PLOS One*, September 11. 2019 - <https://doi.org/10.1371/journal.pone.0221150>.

Matute I, Burgos S and Alfaro T. ***Socioeconomic Status and Perceived Health-related Quality of Life in Chile***. MEDICC Review, April–July 2017, Vol 19, No 2–3. <http://www.medicc.org/mediccreview/index.php?issue=43&id=590&a=va>

Carla Castillo-Laborde MS MA, Ximena Aguilera-Sanhueza MD MPH, Macarena Hirmas-Adaury MPH, Isabel Matute MPH, Iris Delgado-Becerra MS, Manuel Nájera-De Ferrari MD MS, Andrea Olea-Normandin MD, Claudia González-Wiedmaier MPH. ***Health Insurance Scheme Performance and Effects on Health and Health Inequalities in Chile***. MEDICC Review, April–July 2017, Vol 19, No 2–3. <http://www.medicc.org/mediccreview/index.php?issue=43&id=591&a=va>

Olea A, Matute I, González G, et al. ***Case-Control Study of Risk Factors for Meningococcal Disease in Chile***. Emerg Infect Dis. 2017 Jul;23(7):1070-1078. doi: 10.3201/eid2307.160129. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5512488/>

Aguilera X, González C, Matute I, Nájera M and Olea A. ***Population Health Series. Noncommunicable Diseases in Chile, epidemiological and public health aspects***. Santiago, Chile. Universidad del Desarrollo. 2016. ISBN 978-956-7961-89-4

Matute I, Olea A, López D, Loayza S, et al. ***Clinical characteristics and prognostic factors of meningococcal disease :a case series study in Chile during the 2012-2013 outbreak*** . Rev. chil. infectol., Oct 2015, vol.32, no.5, p.505-516. ISSN 0716-1018. http://www.scielo.cl/scielo.php?script=sci_arttext&pid=S0716-10182015000600003

Hirmas M, Abusleme MT, Matute I, Olea A, Poffald L. ***A look at social vulnerability and its consequences on the health of older people in Chile***. In Cabieses B. et al. (Ed.) Social vulnerability and its effect on health in Chile. From understanding the phenomenon to implementing solutions. (Page 180-205). Santiago, Chile. Universidad del Desarrollo, Project PMI UDD-1204. 2016.

González, C. Matute I, Poffald L. ***Life and health stories: understanding the public health system by accompanying a patient in their daily life***. In Santa Cruz, J. (Ed.) 17 teams show their innovations in teaching. (Pages 72-76). Santiago, Chile. Universidad del Desarrollo. 2015.

Matute, I. ***Regional assessments with a SDH approach. National Report***. Studies Unit and VENT. Department of Epidemiology. Health Planning Division. Undersecretary of Public Health Ministry of Health. 2013. ISBN 978-956-348-021-4. <http://epi.minsal.cl/diagnosticos-regionales-de-salud-versiones-anteriores/>

Alfaro, T., Díaz, N., Matute, I., Rosso, F., Soto, F., Vallebouna, C. and Vicuña, P. ***Noncommunicable Diseases Monitoring Report (NCD). Epidemiological Situation of NCDs in Chile***. Studies Unit and VENT. Department of Epidemiology. Health Planning Division. Undersecretary of Public Health Ministry of Health. 2011. ISBN 978-956-348-013-09. Available at: <http://epi.minsal.cl/epi/html/public/InformeNacionalVENTChile2011.pdf>.

Publication Reviewer: Vallebouna, C. ***First report of population-based cancer registries in Chile. Quinquennium 2003-2007***. Unit of Studies and VENT. Department of Epidemiology. Health Planning Division. Undersecretary of Public Health. Ministry of Health. 2011. Available at: <http://epi.minsal.cl/epi/0notransmisibles/cancer/INFORME%20RPC%20CHILE%202003-2007,%20UNIDAD%20VENT,%20DEPTO.EPIDEMIOLOGIA-MINSAL,13.04.2012.pdf>

Matute, I. ***Regional assessments with a SDH approach. Regional Community Data Sheets Series***. Studies Unit and VENT. Department of Epidemiology. Health Planning Division. Undersecretary of Public Health. Ministry of Health. 2011. ISBN 978-956-348-003-0. <http://epi.minsal.cl/diagnosticos-regionales-de-salud-versiones-anteriores/>

Matute, I. **Regional assessments with a SDH approach. Series Data Sheets of Selected Communes.** Studies Unit and VENT. Department of Epidemiology. Health Planning Division. Undersecretary of Public Health. Ministry of Health. 2011. ISBN 978-956-348-004-7. <http://epi.minsal.cl/diagnosticos-regionales-de-salud-versiones-anteriores/>

Matute, I., Peña, C. and Soto, F. **The use of the bicycle in Greater Santiago.** Journal of the Sciences of Physical Activity of the National Institute of Sports No. 6. (pp 31-42). IND; 2011.

Matute, I. **Chapters 10 and 11.** In Vallebouna, C. First National Survey of Employment, Labor, Health and Quality of Life of Workers in Chile (ENETS 2009-2010). Inter-institutional Report. Ministry of Health, Directorate of Labor and Institute of Occupational Safety. 2011. Available at: www.saludyrtrabajo.cl.

Matute, I., Nájera, M., Guerrero, A., Sgombich, X. **Regional public health assessments with a focus on social determinants.** Chilean Journal of Public Health. Year 2010 Vol 14. (2-3): 79-567. ISSN 0717-3652. Available at www.saludpublica.uchile.cl. <http://epi.minsal.cl/diagnosticos-regionales-de-salud-versiones-anteriores/>

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Matute, I., González, C., Guerrero, A., Burgos, A., Soto, F., Villarroel, J. **Geographic inequalities of years of potential life lost: Evaluation of the sanitary objectives of the decade 2000-2010.** Department of Epidemiology. Health Planning Division. Undersecretary of Public Health. Ministry of Health. 2010. ISBN 978-956-8823-42-9.

Buguñá, F., Silva, P., Matute, I., García de Cortázar, R., Peña, C. **Development associated with federated sports.** Journal of the Sciences of Physical Activity of the National Institute of Sports No. 2. (pp 57-68). IND; 2007.

Soto, F., Espejo, C., Matute, I. **Young people and the use of computers and the Internet.** Practices and lifestyles of the young people of the XXI century. INJUV Studies Publication, Volume N°3. (pp 183-227) INJUV; 2005.

AWARDS AND RECOGNITIONS

2019. Distinguished Professor in the Certificate in Field Epidemiology, CEPS Faculty of Medicine Clínica Alemana-Universidad del Desarrollo, 2018 academic period.

2018 & 2019. Evaluation of Excellence in Teacher Evaluation Survey, students from other health programs, Faculty of Medicine Clínica Alemana-Universidad del Desarrollo, 2017 and 2018.

1990. Recognition for the best entry score in the Sociology program, Universidad de Chile 1990.

COURSES AND WORKSHOPS

2020 - Outbreaks and Epidemics online course. Johns Hopkins. (Coursera).

2020 - Qualitative Research Design online course. Emory University. (Coursera).

2020 – Systems Thinking In Public Health online course. Johns Hopkins. (Coursera).

2020 – Online course Foundations of Health Equity Research. Johns Hopkins. (Coursera).

2020–CITI Program course: Social & Behavioral Research - Basic/Refresher. <https://www.citiprogram.org/verify/?we1f8ed8d-d4e4-403b-98eb-eff6b4194d0f-3840677>

2020 - Online course Measuring and Maximizing Impact of COVID-19 Contact Tracing. Johns Hopkins. (Coursera).

2020 - Science Matters online course: Let's Talk About COVID-19, Imperial College London & Abdul Latif Jameel Institute for Disease and Emergency Analytics (J-IDEA) (Coursera).

2020 - Online Course Fighting COVID-19 with Epidemiology: A Johns Hopkins Teach-Out. (Coursera).
2020 - Online course Introduction to Go.Data - Field data collection, chains of transmission and contact follow-up, World Health Organization.
2020 - Online course Digital skills for teachers, Universidad del Desarrollo.
2020 - Infection prevention and control (IPC) for Novel Coronavirus (Covid-19) online course, World Health Organization.
2020 - Online course How to write a research paper effectively, Karger.
2020 - Online course How to send a scientific article to a journal and get it published Karger.
2020 - Online Course Questionnaire Design for Social Surveys. University of Maryland (Coursera).
2019 - Online course Quantitative Methods. University of Amsterdam (Coursera).
2019 - Biostatistics in Public Health specialization program. Johns Hopkins University (Coursera).
2019 - Epidemiology for Public Health Specialization Program. Imperial College London (Coursera).
2019 - Course Introduction to statistical methods using free software (R). International Summer School 2019. School of Public Health Universidad de Chile.
2018 - NIH Web-based training course "Protecting Human Research Participants." The National Institutes of Health (NIH) Office of Extramural Research. Certificate No. 2872315.
2017 - Training seminar How to write a scientific article, Fundación Antonio Esteve. Course accredited by the Consell Català de Formació Continuada de les Professions Sanitàries and the Continuing Education Commission of the National Health System with 2.3 credits (09/017507-MD).
2012 - Bioethics Seminar "Update on research ethics in human beings". Taught by FONIS of CONICYT and MINSAL.
2012 - International Workshop on Surveys and Impact Evaluation, Inter-American Development Bank, World Bank, School of Public Health University of Chile and Integrated Systems.
2011 - Validation of Questionnaires and Scales, Universidad de los Andes Seminar.
2011 - Urban Health and Health Impact Assessment, PAHO/WHO workshop.
2010 - Advanced statistics with SPSS. SPSS Training and Education Services.
2009 - Social Determinants of Health and Formulation of Public Policies, online course, PAHO/WHO.
2009 - RDSat.
2009 - MEGAS, UNAIDS workshop

COMPUTER PROGRAMS

Microsoft Office.
SPSS.
STATA basic level.

LANGUAGES

English intermediate level - Instituto Chileno Británico de Cultura.
German basic level - Goethe Institut.