

# CHRISTIAN M. GARCÍA-WITULSKI

☎ (+5411) 4349-0200 int 2619 ✉ christian\_garcia@uca.edu.ar  
🌐 www.christiangarciawitulski.com

## EXPERTISE

Health Impact Assessment | Applied Econometrics | Epidemiology | Natural Experiments

## RESEARCH INTEREST

Physical Activity | Diet | Climate Change

## PERSONAL SUMMARY

I am a health economist and environmental-lifestyle epidemiologist. I hold a PhD in Economics from the Catholic University of Argentina, and a second PhD in Health and Sport Sciences-Epidemiology and Public Health track from the University of Zaragoza (Spain). I also holds an MSc in Sport Sciences from the National University of La Plata (Argentina).

I specialize in using tools from econometrics, epidemiology, and health data science to explore the complex relationships between physical activity, diet, and climate change and their impact on chronic diseases. I have extensive experience in causal inference using advanced statistical methods and have developed quantitative ex-ante evaluation models to estimate the economic costs and public health impacts (e.g., years of life lost, life expectancy) of unhealthy behaviors to provide evidence-based policy recommendations.

For over a decade, I have been conducting studies analyzing the health and economic burden of non-communicable diseases associated with physical inactivity, sedentary behavior, obesity, consumption of ultra-processed foods, pollution, and climate change, with a focus on low- and middle-income countries.

## EDUCATION

<b>Pontifical Catholic University of Argentina</b> • Argentina Postdoctoral Fellow in Sustainable Development (Environmental Health)	2019 – 2021
<b>University of Zaragoza</b> • Spain Ph.D., Health and Sport Sciences – (Outstanding Cum Laude) specialization: Epidemiology and Public Health	2016 – 2019
<b>National University of La Plata</b> • Argentina M.Sc., Sport Sciences field: Physical Activity Epidemiology	2014 – 2016
<b>Pontifical Catholic University of Argentina</b> • Argentina Ph.D., Economics – (Summa Cum Laude) field: Nutrition Economics	2013 – 2016
<b>National University of La Matanza</b> • Argentina B.Sc., International Trade field: International Economics	2005 – 2009

## WORK EXPERIENCE

<b>Researcher</b> Center for Sustainable Human Development - Pontificia Universidad Católica Argentina	Dec 2021 – Present
<b>PhD student</b> Unversidad de Zaragoza	Dec 2016 – Dec 2019
<b>PhD student</b> Pontificia Universidad Católica Argentina	Mar 2013 – Dec 2016

## CONSULTING EXPERIENCE

<b>World Bank</b> Estimating morbidity attributable to present and future temperature extremes in Paraguay	May 2022 – April 2023
<b>World Bank</b> Valuing mortality attributable to present and future temperature extremes in Argentina. Link: <a href="https://openknowledge.worldbank.org/bitstream/handle/10986/38252/Background%20Note%202.%20English.pdf?sequence=15">https://openknowledge.worldbank.org/bitstream/handle/10986/38252/Background%20Note%202.%20English.pdf?sequence=15</a>	Oct 2021 – May 2022
<b>Ministerio de Producción (Argentina)</b> – Medio ambiente y Comercio Internacional Impacto del Comercio y el Transporte Internacional sobre la Calidad Ambiental, un Estudio en Países de América Latina y el Caribe. Link: <a href="https://www.argentina.gob.ar/sites/default/files/com_inv_medioambiente_y_comercio_12_010618.pdf">https://www.argentina.gob.ar/sites/default/files/com_inv_medioambiente_y_comercio_12_010618.pdf</a>	Oct 2017 – May 2018

## TEACHING EXPERIENCE

---

<b>PhD level</b> – Applied Research Quantitative Methods Pontificia Universidad Católica Argentina	Oct 2019 – Present
<b>MSc level</b> – Econometrics and Programming Tools Pontificia Universidad Católica Argentina	Jul 2019 – Present
<b>BSc level</b> – Econometrics Universidad del CEMA	Mar 2020 – Feb 2022

## JOURNAL PUBLICATIONS (SELECTED)

- 
- **García-Witulski, CM.** “Non-communicable disease mortality and economic costs attributable to non-optimal Body Mass Index in Argentina”. *Public Health*, 2025.
  - Schulz-Antipa, P; **García-Witulski, CM**, Rabassa, M; Conte Grand, M “From rising temperature to rising health concerns: A study of climate change effects in Paraguay”. *Regional Science Policy & Practice*, 2023.
  - **García-Witulski, CM.** “Comparative risk assessment modeling of cardiovascular and all-cause burden attributable to sitting time and physical inactivity: evidence from Argentina”. *Journal of Public Health*, 2024.
  - **García-Witulski, CM**, Rabassa, M; Conte Grand, M. “Valuing mortality attributable to present and future temperature extremes in Argentina”. *Economics and Human Biology*, 2023.
  - **García-Witulski, CM.** “Valuing preventable deaths from major non-communicable diseases and all-causes attributable to sedentary behavior in Argentina”. *Public Health*, 2023.
  - Werneck, AO, Araujo, RHO, Aguilar-Farias, N, Ferrari, G, Brazo Sayavera, B, **García-Witulski, CM.**, Dourado, VZ, Barboza, LL, Silva, ECM, Sadarangani, KP, Nieto-Martinez, R, García-Hermoso, A, Ramírez-Vélez, R, Silva, DR. “Physical Activity and Sitting Time Patterns and Sociodemographic Correlates Among 155,790 South American Adults”. *Journal of Physical Activity and Health*, 2023.
  - **García-Witulski, CM.** “Contemporary and Dynamic Effects of Socio-economic Factors on Physical (In)activity: Does Intensity Matter?”. *Frontiers in Public Health*, doi: 10.3389/fpubh.2022.1016353, 2022.
  - **García-Witulski, CM.** “Temporal and Spatial Trends From Counterfactual Scenarios of Physical Activity on Mortality, Years of Life Lost, and Life Expectancy Due to Noncommunicable Diseases in Argentina”. *Journal of Physical Activity and Health*, 8:1-17, 2022.
  - Werneck, AO, Araujo, RHO, Aguilar-Farias, N, Ferrari, G, Brazo Sayavera, B, **García-Witulski, CM.**, Dourado, VZ, Barboza, LL, Silva, ECM, Sadarangani, KP, Nieto-Martinez, R, García-Hermoso, A, Ramírez-Vélez, R, Silva, DR. “Time trends and inequalities of physical activity domains and sitting time in South America”. *Journal of Global Health*, 12:04027, 2022.
  - Rabassa, M; Conte Grand, M; **García-Witulski, CM.** “Heat Warnings and Avoidance Behavior: Evidence from a Bike-Sharing System”. *Environmental Economics and Policy Studies*, 23(1):1-28, 2021.
  - **García, CM.** “Association of globalization in its different dimensions with overweight and obesity: an analysis in 10 Latin American and Caribbean countries”. *Salud Pública de México*, 61:174-183, 2019.
  - Sanchez Oliver, AJ; **García, CM**; Galvez Ruiz, P; Gonzalez Jurado, JA. “Mortality and economic expenses of cardiovascular diseases caused by physical inactivity in Spain”. *Journal of Physical Education and Sport*, 18:1420-26, 2018.
  - **García, CM.** “Impact of physical inactivity on mortality and economic costs due to cardiovascular deaths, Evidence from Argentina”. *Pan American Journal of Public Health*, 21;41:e92, 2017.

## BOOK CHAPTERS

- 
- **García-Witulski, CM.** “The Impact of Temperature on Mortality in Argentinean Municipalities”. *The Economics of Climate Change in Argentina*, Springer.

## PROGRAMMING SKILLS

---

<b>Modeling and Analysis</b>	STATA, R, QGIS, ARCGIS
<b>Software and Tools</b>	Latex, MS Office

## JOURNAL EXTERNAL REVIEWER

- 
- Scientific Reports
  - BMC Medicine
  - International Journal of Health Planning and Management
  - Preventive Medicine Reports
  - Sustainable Cities and Society
  - BMC Public Health
  - Transportation Research: Traffic Psychology and Behaviour
  - BMC Cancer

## ACADEMIC REFERENCES

---

**Mariana Conte Grand**  
University of CEMA

Department of Economics

Argentina  
E-mail: [mcg@ucema.edu.ar](mailto:mcg@ucema.edu.ar)

**Alejandro González de Agüero**  
University of Zaragoza

GENUD research group

Spain  
E-mail: [alexgonz@unizar.es](mailto:alexgonz@unizar.es)

**Ann Mitchell**  
Pontifical Catholic University of  
Argentina  
Center for Sustainable Human De-  
velopment  
Argentina  
E-mail: [annmitchell@uca.edu.ar](mailto:annmitchell@uca.edu.ar)