

Aitor García Aguirre

aitor.aguirre@cchs.csic.es || 100348210@alumnos.es
+34 687-344-422

Education

Universidad Carlos III de Madrid and CCHS CSIC

PhD in Sociology

Supervisors: Juan Jesús Fernández González, Diego Ramiro Fariñas

Sep. 2022 – Present

Madrid, Spain

Carlos III–Juan March Institute in Social Sciences

Master in Social Sciences

Master thesis: A study of mechanisms of socioeconomic health gradients: A lifecourse approach.

Supervisor: Daniel Ramirez-Smith

Sep. 2020 – Jul. 2022

Madrid, Spain

Universidad Carlos III de Madrid

Bachelor in Sociology

Sep. 2015 – Jun. 2019

Madrid, Spain

Research interests

- Health Inequalities
- Behavioral risks
- Cultural capital
- DOHaD
- Gene environment interaction (GxE)
- Epigenetics
- Epi-clocks
- Life course
- Critical periods
- Computational simulation
- Complex Systems

Research experience

Echo-Project ERC

Research assistant

Aug. 2022 – Present

Madrid, Spain

- Supervisor: Alberto Palloni.
- In Instituto de Economía Geografía y Demografía CSIC.
- Research on Developmental Origins of Adult Health and Disease (DOHaD) and gene environment interaction. Focused on the development of agent based modelling (ABM) simulation models to verify predictions of DOHaD theories and life-course (sequential) analysis to test the importance of timing of impacts derived from critical periods theories.

Works

García, A. Povedano, E. Ruiz, S (2023) *Can epigenetic clocks better capture childhood insults? Testing GrimAge algorithm using Structural Equation Modeling at different stages of the life course. Poster session in Population Association of America (PAA) annual meeting 2023.*

Ramírez, D. Povedano, E. García, A. Lund, M. Rubio, M. (2023) *The Long Arm of Exposure to Smoking During Childhood: The Long-term Consequences On Epigenetic Aging in Later Life. (Under review).*

Skills

Languages: Spanish (Native), English (C1), Basque (Native)

Software skills: Proficient in Microsoft Office (Word, Excel, PowerPoint), Proficient in LATEX.

Statistical software: Proficient in STATA, R, Statgraphics, and SPSS. Intermediate in MPLUS.

Computational simulation software: Proficient in NetLogo.

Geographic Information Systems (GIS) Software: Intermediate in ArcGIS and QGIS.