



Evaluation of Public Health Policies and Programmes

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DESCRIPTION

The main objective of our group is to advance in the research related to the evaluation of policies, programs, and other interventions in public health. We promote high-quality research, internationalisation, and knowledge transfer to the scientific community, technicians, policymakers, and citizens. We generate evidence on the effectiveness and impact of public policies, plans or interventions (tobacco control law, mental health plan, housing policies, urbanistic interventions) that may affect population health. We promote the development and application of innovative methodologies for evaluation with an equity and gender perspective.

MAIN LINES OF RESEARCH

- Monitoring of behaviours and other health risk factors such as environmental exposure (FRESC survey and monitorisation of second-hand smoke). (López Medina, María José; Serral Cano, Gemma).
- Evaluation of public health policies and Action Plans (Tobacco control Law, Barcelona mental health action plan, housing with services, and transformation of schoolyards in Barcelona). (López Medina, María José; Continente García, Xavier).
- Evaluation of public health programmes and services (school-based prevention programmes, community-based interventions, breast cancer screening programmes). (Continente García, Xavier; Serral Cano, Gemma).



SCIENTIFIC CHALLENGES

- To promote research into the evaluation of policies and programmes.
- To support the debate on conceptual and methodological aspects of the impact evaluation of interventions on population health.
- To consolidate the group's research, fostering less developed aspects such as economic evaluation and evaluation of health protection interventions.
- To develop a theoretical corpus of concepts, principles, methods, and examples that contribute to filling the under and postgraduate teaching gap regarding the design and evaluation of public policies, plans, and other interventions.
- To promote the impact evaluation of policies, plans, and other interventions with an equity and gender perspective. Analysis of the molecular basis of abdominal aortic aneurysm: Identifying new therapeutic targets.

DOCTORAL THESES DEFENDED

- Carrilero Carrió, Neus. Desigualtats socials en salut en la població infantil a Catalunya: situació actual i perspectives d'acció. 27/09/2024. Universitat Pompeu Fabra. Supervisors: García-Altes, Anna; López Medina, María José. <http://hdl.handle.net/10803/692294>.

SCIENTIFIC PRODUCTION

- Aguayo AD, Millet JP, Álvarez L, Palma D, Gómez A, Gallés P, Sabaté S, Álvarez G, Rodríguez V, Cornejo T, Rius C. *Clostridium* and *Cryptosporidium* outbreak linked to a splash pad. BMC PUBLIC HEALTH. 2024; 24(1):1578. DOI:10.1186/s12889-024-18870-7. PMID:38867266. IF:3,500 (Q1/3D). Document type: Article.
- Bartoll X, Cano GS, Albaladejo MC, Pérez K. Household Economic Hardship and Child Mental Health: The Mediating Role of Parents' Mental Distress in a Southern European City. SOCIAL INDICATORS RESEARCH. 2024; 175(1). DOI:10.1007/s11205-024-03428-2.
- IF:2,800 (Q1/2D). Document type: Article.
- Bartoll X, López MJ, Pérez K, Artazcoz L, Borrell C. Short-term health effects of an urban regeneration programme in deprived neighbourhoods of Barcelona. PLoS One. 2024; 19(4):e0300470. DOI:10.1371/journal.pone.0300470. PMID:38630702. IF:2,900 (Q1/3D). Document type: Article.
- Blanco A, Varela L, Rey J, Candal C, Ruano A, Teijeiro A, López MJ, Guerra C, Mourino N, Pérez M. Assessment of exposure to secondhand smoke in health surveys in Spain. Gaceta Sanitaria. 2024; 38:102413. DOI:10.1016/j.gaceta.2024.102413. PMID:39033580. IF:1,500 (Q3/7D). Document type: Article.
- Borgini A, Veronese C, De Marco C, Boffi R, Tittarelli A, Bertoldi M, Fernández E, Tigova O, Gallus S, Lugo A, Gorini G, Carreras G, López MJ, Contente X, Semple S, Dobson R, Clancy L, Keogan S, Tzortzi A, Vardavas C, Nicolás ÁL, Starchenko P, Soriano JB, Ruprecht AA, TackSHS I. Particulate matter in aerosols produced by two last generation electronic cigarettes: a comparison in a real-world environment. Pulmonology. 2024; 30(2). DOI:10.1016/j.pulmoe.2021.03.005. PMID:33879426. IF:10,400 (Q1/1D). Document type: Article.
- Carrilero N, García A. Health inequalities in childhood diseases: temporal trends in the inter-crisis period. International Journal for Equity in Health. 2024; 23(1):76. DOI:10.1186/s12939-024-02169-5. PMID:38632575. IF:4,500 (Q1/2D). Document type: Article.
- Cela-Bertran X, Peguero G, Serral G, Sánchez-Ledesma E, Martínez-Hernáez A, Pié-Balaguer A. Understanding the relationship between gender and mental health in adolescence: the Gender Adherence Index (GAI). European Child & Adolescent Psychiatry. 2024; 33(1):229-240. DOI:10.1007/s00787-023-02150-7. PMID:36763181. IF:6,000 (Q1/1D). Document type: Article.
- Cogollos-de-la-Peña R, Álvarez-Vargas A, Domínguez-Navarro F, Espelt A, Fuentes-Aparicio L, Puigpinós-Riera R. Social inequalities in the use of physiotherapy in women diagnosed with breast cancer in Barcelona:



- DAMA cohort. Breast cancer research and treatment. 2024; 204(2):377-387. DOI:10.1007/s10549-023-07191-9. PMID:38155271. IF:3,000 (Q2/5D). Document type: Article.
- de Batlle J, Gracia E, Escarrabill J, García A, Carbonell EM, Henríquez M, Sánchez M, Barbé F. Effect of CPAP Treatment on Cardiovascular Outcomes. ARCHIVOS DE BRONCONEUMOLOGIA. 2024; 60(10). DOI:10.1016/j.arbres.2024.05.029. PMID:38876919. IF:8,700 (Q1/1D). Document type: Article.
 - Ferrer N, Yvon C, Martín B, Leclerc V, Leblanc JC, Corominas L, Sabaté S, Tolosa E, Chacón C, Bover S, Cadel S, Jofré A. Genomic insights of *< i>Salmonella</i>* isolated from dry fermented sausage production chains in Spain and France. Scientific Reports. 2024; 14(1):11660. DOI:10.1038/s41598-024-62141-9. PMID:38777847. IF:3,800 (Q1/2D). Document type: Article.
 - Forcadell L, Pérez V, Guitart E, Sanz B, Vives C, López MJ, Juárez O, Pérez G. Evaluation of the Let's Focus! (Posem el Focus) Socioeducational Intervention: Promoting Healthy and Equitable Relationships in High Schools. JOURNAL OF SCHOOL HEALTH. 2024; 94(10). DOI:10.1111/josh.13498. PMID:39254169. IF:1,800 (Q2/4D). Document type: Article.
 - López C, López MJ, Pérez K, Sánchez E, Serral G. Changes in social inequalities in excess body weight and body dissatisfaction among adolescents in Barcelona, Spain, 2016-2021. PUBLIC HEALTH. 2024; 236DOI:10.1016/j.puhe.2024.07.012. PMID:39154587. IF:3,900 (Q1/2D). Document type: Article.
 - López MJ, Fu M, Fernández E, Henderson E, Continente X. How is the compliance with the tobacco control law in hospitality terraces?. Gaceta Sanitaria. 2024; 38:102422. DOI:10.1016/j.gaceta.2024.102422. PMID:39293184. IF:1,500 (Q3/7D). Document type: Article.
 - Martín V, Montalvo T, Giralt D, Ramírez F, Giménez J, Morral C, Planell R, Sabaté S, Bota G, Navarro J. Evil and allies: Opportunistic gulls as both spreaders and sentinels of antibiotic-resistant bacteria in human-transformed landscapes. JOURNAL OF APPLIED ECOLOGY. 2024; 61(11). DOI:10.1111/1365-2664.14787. IF:5,000 (Q1/1D). Document type: Article.
 - Martín V, Navarro J, Figuerola J, Aymí R, Sabaté S, Planell R, Vila J, Montalvo T. A spatial analysis of urban gulls contribution to the potential spread of zoonotic and antibiotic-resistant bacteria. SCIENCE OF THE TOTAL ENVIRONMENT. 2024; 912:168762. DOI:10.1016/j.scitotenv.2023.168762. PMID:38007121. IF:8,200 (Q1/1D). Document type: Article.
 - Mouriño R, Serral G, Continente X, López MJ, Lapena C, Puigpinós R. Evaluation of effectiveness of an art-based museum intervention in reducing loneliness among older adults (ArtGran): a quasi-experimental study. PUBLIC HEALTH. 2024; 230DOI:10.1016/j.puhe.2024.02.024. PMID:38552347. IF:3,900 (Q1/2D). Document type: Article.
 - Nos D, Montalvo T, Cortés N, Figuerola J, Aymí R, Giménez J, Solé M, Navarro J. Sources of persistent organic pollutants and their physiological effects on opportunistic urban gulls. JOURNAL OF HAZARDOUS MATERIALS. 2024; 465:133129. DOI:10.1016/j.jhazmat.2023.133129. PMID:38056272. IF:12,200 (Q1/1D). Document type: Article.
 - Párraga N, Cortes R, Quero S, García M, Arqué E, Sabaté S, Ramírez D, Gavaldá L. Persistence of viable but nonculturable Legionella pneumophila state in hospital water systems: A hidden enemy?. SCIENCE OF THE TOTAL ENVIRONMENT. 2024; 927:172410. DOI:10.1016/j.scitotenv.2024.172410. PMID:38608884. IF:8,200 (Q1/1D). Document type: Article.
 - Periañez J, Continente X, Sanz M, Drou G, Espelt A, Cortés E, López MJ. Pilot evaluation of the ?Transformem els patis? program in elementary schools in Barcelona. Gaceta Sanitaria. 2024; 38:102429. DOI:10.1016/j.gaceta.2024.102429. PMID:39515025. IF:1,500 (Q3/7D). Document type: Article.
 - Robles B, Saez M, Cabrera A, Sánchez C, López MJ, Barceló MA. Comparing temporal changes and predictors of different types of mental health and socio-emotional wellbeing outcomes during COVID-19: an overlapping panel study of Spanish residents. BMC PUBLIC



- HEALTH. 2024; 24(1):2284. DOI:10.1186/s12889-024-19817-8. PMID:39174930. IF:3,500 (Q1/3D). Document type: Article.
- Roquer M, Clotas C, Bartroli M. Online Gambling and At-Risk Gambling Behaviour in a Cross-Sectional Survey Among 13-19 Year-Old Adolescents in Barcelona. JOURNAL OF GAMBLING STUDIES. 2024; DOI:10.1007/s10899-024-10341-3. PMID:39107565. IF:2,400 (Q2/3D). Document type: Article.
 - Rúbies A, Beguiristain I, Tibon J, Cortés N, Granados M. Analysing polypeptide antibiotics residues in animal muscle tissues: The crucial role of HRMS. FOOD CHEMISTRY. 2024; 443:138481. DOI:10.1016/j.foodchem.2024.138481. PMID:38310677. IF:8,500 (Q1/1D). Document type: Article.
 - Sanz M, Continente X, Brugueras S, Marí M, Oliveras L, López MJ. Evaluating the effect of passive cooling strategies in school buildings on children's well-being in Barcelona: A quasi-experimental, mixed methods study. SCIENCE OF THE TOTAL ENVIRONMENT. 2024; 949:175104. DOI:10.1016/j.scitotenv.2024.175104. PMID:39079644. IF:8,200 (Q1/1D). Document type: Article.
 - Sanz M, Continente X, Henderson E, Fernández E, Schiaffino A, Pérez M, Espelt A, Guxens M, López MJ. Changes in prevalence and socioeconomic inequalities in secondhand smoke exposure in Spanish children, 2016-2019. Tobacco Induced Diseases. 2024; 22:116. DOI:10.18332/tid/189392. PMID:38910916. IF:2,200 (Q2/5D). Document type: Article.
 - Sanz M, Ubalde M, Borràs S, Brugueras S, Continente X, Daher C, Marí M, López MJ. Adapting Schools to Climate Change with Green, Blue, and Grey Measures in Barcelona: Study Protocol of a Mixed-Method Evaluation. JOURNAL OF URBAN HEALTH-BULLETIN OF THE NEW YORK ACADEMY OF MEDICINE. 2024; 101(1). DOI:10.1007/s11524-023-00814-y. PMID:38236429. IF:4,300 (Q1/2D). Document type: Article.
 - Serral G, Londoño C, Continente X, Brugueras S, Sánchez F, Ariza C. Prevalence of obesity and related factors in schoolchildren aged 3 to 4 years. ANALES DE PEDIATRIA. 2024; 101(1). DOI:10.1016/j.anpedi.2024.05.006. PMID:38987074. IF:1,500 (Q2/5D). Document type: Article.
 - Serra-Sutton V, Fernández-Giner L, Espallargues M, García-Altés A. Defining a good death: Perspectives of patients, relatives, and health care professionals in the Catalan context-A qualitative study. PLoS One. 2024; 19(11):e0312426. DOI:10.1371/journal.pone.0312426. PMID:39602454. IF:2,900 (Q1/3D). Document type: Article.
 - Sönmez I, Espelt A, Majó X, Bartroli M, Meroño M, González V, Gotsens M, Garrido A, Colom J, Casabona J, Folch C. Trends in the prevalence of HIV, HCV, and co-infection and associated factors among young people who inject drugs (PWID) in Catalonia (2008-2019). Vulnerable Children And Youth Studies. 2024; 19(4). DOI:10.1080/17450128.2024.2390593. Document type: Article.
 - Velandia DF, Rodríguez EA, Albaina AG, Clotas C, Checa MB, Rua M, Gotsens M. "I drink less and that's no small matter": a qualitative descriptive study of a managed alcohol program evaluation in Barcelona. AMERICAN JOURNAL OF DRUG AND ALCOHOL ABUSE. 2024; 50(6). DOI:10.1080/00952990.2024.2404242. PMID:39374264. IF:2,700 (Q2/3D). Document type: Article.