

CURRICULUM VITAE (CVA)

Part A. PERSONAL INFORMATION

CV date	28/11/2024
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First name	Juan José		
Family name	Medina Ariza		
Gender (*)	Male	Birth date (dd/mm/yyyy)	02/04/1970
Social Security, Passport, ID number	28484306W		
e-mail	jmedina11@us.es	URL Web: juanjomedina.com	
Open Researcher and Contributor ID (ORCID) (*)		0000-0003-4407-8830	

(*) Mandatory

A.1. Current position

Position	Profesor Titular		
Initial date	21-1-2024		
Institution	University of Seville		
Department/Center	Department of Criminal Law and Crime Science, School of Law		
Country	Spain	Teleph. number	623037298
Key words	Criminology, Violence, Police, Data Science, Geography of Crime		

A.2. Previous positions (research activity interruptions, art. 14.2.b))

Period	Position/Institution/Country/Interruption cause
2020-2024	Talentia Senior Distinguished Researcher, University of Seville
2017-2020	Full Professor of Quantitative Criminology, School of Social Sciences, University of Manchester
2009-2017	Senior Lecturer in Criminology, School of Law, University of Manchester
2004-2009	Lecturer in Criminology, School of Law, University of Manchester
2000-2004	Lecturer in Criminology and Social Policy, Department of Applied Social Sciences, Victorian University of Manchester
1998-2000	Senior Research Associate (80% dedication), Violence Institute of New Jersey, UMDNJ
1999-2000	Research Associate (20% dedication), Mailman School of Public Health, Columbia University
1996-1998	Graduate Teaching Assistant, School of Criminal Justice, Rutgers University

A.3. Education

PhD, Licensed, Graduate	University/Country	Year
PhD in Criminal Justice	Rutgers University, USA	2003

PhD in Law	Universidad de Sevilla, Spain	2000
MA in Criminal Justice	Rutgers University, USA	1997
Experto Universitario en Criminología	Instituto Andaluz de Criminología, Universidad de Sevilla	1995
BA on Public Law	University of Seville	1993

Part B. CV SUMMARY (max. 5000 characters, including spaces)

I have a world reputation for developing innovative research in the field of domestic abuse, gang research, crime prevention, and data science applications in policing. Key contributions include:

Gender and violence.

- Led the 1st national survey on violence against women in Spain.
- Using spatial econometric models and GIS, developed ground-breaking research on the community risk factors for violence against women in the US, that informed both the National Science Foundation and the National Consortium on Violence Research agenda.
- Contributed to 1st national study of Homicide in the UK, with a focus on analysis of intimate partner homicide.
- Directed largest study of police risk assessment tools for domestic abuse using machine learning tools.

Gangs.

- Co-directed 1st large ethnographic study of youth gangs in UK.
- Contributed to the development by the Home Office (and led subsequent statistical analysis) of the first national (longitudinal) survey of youth gangs in England and Wales.
- Participated in the direction of the Eurogang Network for 11 years - largest consortium of gang researchers in Europe.
- Analysed data from a large mixed method study of gangs in Central America.
- Contributed to research projects to estimate prevalence and nature of youth gangs in Madrid.

Crime prevention.

- Published research monograph widely circulated and read in Spain and Latin America.
- Led analysis of 1st randomised control trial of policing elder abuse with funding from the US Department of Justice.
- Co-PI in large ESRC study focused on the regulation and prevention of food fraud.

More recent work is exploring the geography and spatiotemporal distribution of crime and the risk assessment of gender violence in Spain, the implementation of VIOGEN protocols by Spanish police, the topic of police reform, and the governance of crime policy at the local level in mid size cities (all funded by different agencies). I have a history of successful research funding as Principal Investigator (£1,241,290 since 2009) and publication, as one of the most cited Spanish criminologists. I have supervised 16 PhD students to completion.

I also have demonstrated strong leadership credentials at the University of Manchester, as Head of the Criminology Department (under my lead our UG degree was ranked as best in the UK), and internationally, as elected President of the Spanish Society of Criminology from 2016 to 2020. I am the lead of the Working Group on Policing Research of the Spanish Society of Criminology. My research has a history of collaboration with public agencies to develop evidence-base practice and policy (Home Office, College of Policing, Greater Manchester Police, Open Society Foundation, NYC Department of Public Health, United Nations, Manchester City Council, Swedish Agency for Foreign Aid, etc.) and political actors, for whom I have coordinated policy manifestos. I also have a commitment to pedagogical innovation, particularly in the teaching of quantitative skills to social science students (I am a certified data carpentry instructor) and data science skills to police analysts – all of which has resulted

in the publication of 2 textbooks (Springer and CRC Press) focusing on stats using R and crime mapping using R.

I held ongoing honorary appointments as an External Collaborator of the Institut d'Estudis Regionals i Metropolitans de Barcelona and as an Honorary Research Professor at the University of Manchester (Department of Criminology, School of Social Sciences). I served or have served in the editorial boards of The British Journal of Criminology, Psychosocial Intervention, International Criminal Justice Review, Revista Española de Investigación Criminológica, and Pedagogia i Treball Social: Revista de Ciències Socials Aplicades, and serve as an ambassador of CrimRxiv. I have recently been appointed as ambassador of the Oficina Española de Integridad en Investigación.

Part C. RELEVANT MERITS (sorted by typology)

C.1. Selected Publications in last 5 years

Books

Medina, J. & Solymosi, R. (2023). *Crime mapping and spatial data analysis using R*. CRC Press.

Medina, J. (ed.) (2022). *Instituciones de control del delito*. Madrid: Dykinson.

Wooditch, A., Johnson, N.J., Solymosi, R., Medina, J., Langton, S. (2021). *A beginner's guide to statistics for criminology and criminal justice using R*. New York: Springer.

Peer reviewed articles

Valente, R., Pintor, J.C., Rodriguez, J.A., & Medina, J. (2024). Mobilities and the flexible boundaries of the neighbourhood: a test with crime data in Barcelona. *Applied Geography*. <https://doi.org/10.1016/j.apgeog.2024.103217>

Valente, R & Medina, J. (2022). Mobility, nonstationary density, and robbery distribution in the tourist metropolis. *European Journal on Criminal Policy and Research*. <https://doi.org/10.1007/s10610-022-09528-4>

Turner, E., Brown, G., & Medina, J. (2022). Predicting domestic abuse (fairly) and police risk assessment. *Psychosocial Intervention*. <https://doi.org/10.5093/pi2022a11>

Buil-Gil, D., Medina, J., & Shlomo, N. (2021). Measuring the dark figure of crime in geographic areas: small area estimation from the Crime Survey for England and Wales. *British Journal of Criminology*. <https://doi.org/10.1093/bjc/azaa067>

Buil-Gil, D., Moretti, A., Shlomo, N. & Medina, J (2020). Applying the spatial EBLUP to place-based policing: simulation study and application to confidence in police work. *Applied Spatial Analysis and Policy*. 13:901-924. <https://doi.org/10.1007/s12061-020-09333-8>

Book chapters

Medina, J. (2024). Ayuntamientos y vertidos ilegales de residuos de la construcción: una aproximación a las percepciones de los responsables en las entidades municipales. In Arenas, L. (ed.). *Escombreras ilegales en Extremadura: un análisis criminológico*. Tirant lo Blanch.

Medina, J., & Barberet, R. (2023). Política criminal y grados de criminología. Muñoz, J., García, O., Cerezo, A., García, E. (eds.). *Estudios político criminales, jurídico penales y criminológicos. Libro homenaje al Profesor José Luis Díez Ripollés*. Tirant lo Blanch.

Medina, J. (2023). Broken windows y la experiencia en Inglaterra y Gales. En Guillen Lasierra, F. (ed.). *40 años de ventanas rotas: luces y sombras*. J.M. Bosch.

Medina, J., & Myhill, A. (2023). Police and intimate partner violence risk assessment: searching for evidence-base practice. En Sturmey, P. (ed). *Violence in families: integrating research into practice*. Springer.

C.2. Conferences

35 paid guest contributions to conferences and seminars (10 UK, 21 Spain, 2 Europe, 1 USA, 1 Mexico) from 2008. Specifically, I have delivered keynote speeches at various international conferences and events organised by the Royal Society, British Society of Criminology, Spanish Society of Criminology, College of Policing, House of Commons, Society for Evidence Based Policing, Local Government Association, London's Mayor Office, Helsinki United Nations Institute for Crime Prevention, and the European Forum for Urban Safety. Annual attendance and delivery of presentations in the Spanish Society of Criminology conference and typically alternate every other year between presenting and delivering papers in the European Society of Criminology or the American Society of Criminology annual conferences.

I have also led postdoctoral, masters and UG courses as guest teaching in: Universidad de Talca (Chile), Loyola Andalucía, John Hopkins/Pompeu Fabra University, Universidad Castilla-La Mancha, Universidad Miguel Hernandez de Elche, Universidad Pablo Olavide, Universidad de Monterrey (Mexico), Centre de Estudis Jurídics de Catalunya, Universidad de Tamaulipas (Mexico), Universitat de Girona. As well as professional training at the Centre for Superior Studies of National Defence (Ministry of Defence) and the School of Continuing Education for Judges and Prosecutors (Spanish General Council of the Judiciary).

C.3. Recent research projects

9/2024 to date. *Transformation of urban safety and neighbourliness in medium-sized cities*. Funded by AEI. PI: Cristina Fernandez and Cristina Sobrino.

9/2023 to date. *Police reform and security model: an analysis of the Spanish case*. Funded by AEI (75000 euros). PI: Juanjo Medina

1/2023 to date. *Risk-led policing, of intimate partner violence and the viogen risk model*. Funded by the Junta de Andalucía (42,505 euros). PI: Juanjo Medina.

9/2021-9/2024. *Victimisation in place: Routine activities, neighbourhood structure, and the spatial distribution of journey to victimisation before and after COVID*. Funded by the Agencia Española de Investigación (30,492 euros). PI: Juanjo Medina & José Antonio Rodríguez

7/2016-09/2019. *Understanding and improving risk assessment on domestic abuse cases*. Funded by the Economic and Social Research Council (ESRC) (£570,543). PI: Juanjo Medina.

2014-2016 *Food Fraud: A Supply Network Integrated Systems Analysis*. Funded by the Economic and Social Research Council (ESRC) (£536,228). PIs: Jon Spencer, Nick Lord, Juanjo Medina

2010 *Children and Young Adults in Gangs: Impact on Lifecourse Development*. Funded by the Nuffield Foundation (£48,000). PI: Juanjo Medina

2010 *Policies and regulation of crime prevention*. Funded by the Arts and Humanities Research Council (£28,047). PI: Juanjo Medina.

C.4. Recent contracts, technological or transfer merits

2013-2019 *Q Step: a step change in quantitative social science skills*. Nuffield, HEFCE, and ESRC (£1,342,225). Led by M Brown and J Carter. I was the criminology lead in the project.