

Scientific Curriculum Vitae – Lena Hofbauer

Education

University of Greifswald

Greifswald, Germany

PhD at the Institute for Community Medicine: Summa Cum Laude

08/2025

KU Leuven

Leuven, Belgium

M.Sc. 'Psychology: Theory & Research': Magna Cum Laude

09/2017 – 09/2019

University of Glasgow

Glasgow, Scotland

B.Sc. in Psychology: 1st Class (Honours)

09/2013 – 06/2017

Research Experience

Berlin Institute for Empirical Integration and Migration Research (BIM), Humboldt University of Berlin

Berlin, Germany

09/2025 – Present

Postdoctoral Researcher with the Department "Education and Integration" – Supervisor: Prof. Aileen Edele

German Center for Neurodegenerative Diseases (DZNE)

Greifswald, Germany

Doctoral Researcher with the Junior Research Group "Psychosocial Epidemiology and Public Health" – Supervisor: PD Francisca S. Rodriguez, PhD

03/2020 – 08/2025

KU Leuven

Leuven, Belgium

Master Thesis Student with the "Neuropsychology Lab" – Supervisor: Ann van der Jeugd, PhD

09/2018 – 05/2019

KU Leuven

Leuven, Belgium

Student Research Assistant with the "Neuropsychology Lab" – Supervisor: Prof. Céline Gillebert

09/2018 – 05/2019

Ghent University

Ghent, Belgium

Peer-Reviewed Publications

- **Hofbauer, L. M.,** & Rodriguez, F. S. (2025). Psychosocial wellbeing of people with dementia: systematic review and construct analysis. *Acta Neuropsychiatrica*, 37, e71. <https://doi.org/10.1017/neu.2025.10021>
- **Hofbauer, L.M.,** Knecht, H.L. & Rodriguez, F.S. (2025) Social networks of people with dementia: Roles of informal and formal contact persons. *Journal of Public Health*, <https://doi.org/10.1007/s10389-025-02575-1>
- **Hofbauer L.M.,** Rodriguez, F.S. (2025). Comparing two caregiver-delivered music listening interventions for community-dwelling people with dementia: A randomised controlled crossover pilot trial. *Dementia*. 24(5), 938-954. <https://doi.org/10.1177/14713012251334185>
- Rodriguez F.S., **Hofbauer, L.M.,** Reppermund, S., et al. (2025). Updating Risk and Protective Factors for dementia in older adults. *Nature Reviews Psychology*, 4, 322-335. <https://doi.org/10.1038/s44159-025-00438-w>
- **Hofbauer, L. M.,** & Lachmann, T., & Rodriguez, F. S. (2024). Background music varying in tempo and emotional valence differentially affects cognitive task performance: experimental within-participant comparison. *Journal of Cultural Cognitive Science*, 8, 139-150. <https://doi.org/10.1007/s41809-024-00144-8>
- **Hofbauer, L. M.,** & Rodriguez, F. S. (2024). The mediating role of lifestyle activities in the association between social deprivation and cognition in older adulthood: results from the health and retirement (HRS) study. *Journal of Aging and Health*, 0(0). <https://doi.org/10.1177/08982643241273988>
- Juber, N.F., **Hofbauer, L. M.,** & Rodriguez, F. S. (2024). Associations between asthma and cognitive functioning among older adults. Does the age of asthma diagnosis matter? Results from the RAND IFLS-5 study. *Journal of Asthma*, 61(11), 1477-1487. <https://doi.org/10.1080/02770903.2024.2361785>
- **Hofbauer, L. M.,** & Rodriguez, F. S. (2023). The role of social deprivation and depression in dementia risk: findings from the longitudinal survey of health, ageing and retirement in Europe. *Epidemiology and Psychiatric Sciences*, 32, e10. <https://doi.org/10.1017/S2045796023000033>
- **Hofbauer, L. M.,** & Rodriguez, F. S. (2023). Emotional valence perception in music and subjective arousal: Experimental validation of stimuli. *International Journal of Psychology*, 58, 465-475. <https://doi.org/10.1002/ijop.12922>

- **Hofbauer, L. M., & Rodriguez, F. S. (2022).** How is the usability of commercial activity monitors perceived by older adults and by researchers? *BMJ Open*, 12, e063135. <https://doi.org/10.1136/bmjopen-2022-063135>
- **Hofbauer, L. M., Ross, S. D., & Rodriguez, F. S. (2022).** Music-based interventions for community-dwelling people with dementia: A systematic review. *Health & Social Care in the Community*, 30, 2186-2201. <https://doi.org/10.1111/hsc.13895>
- **Ross, S.R., Hofbauer, L.M., Rodriguez, F.S. (2022)** Coping strategies for memory problems in everyday life of people with cognitive impairment and older adults: A systematic review. *International Journal of Geriatric Psychiatry*, <https://doi.org/10.1002/gps.5701>
- **Rodriguez, F.S., Hofbauer, L.M., Röhr, S. (2021).** The role of education and income for cognitive functioning in old age: a cross-country comparison. *International Journal of Geriatric Psychiatry*, 36(12), 1908-1921, <https://doi.org/10.1002/gps.5613>
- **Hofbauer, L.M., & Rodriguez, F.S. (2021).** Validation of a social deprivation index and association with cognitive function and decline in older adults. *International Psychogeriatrics*, 33(12), 1309-1320. <https://doi.org/10.1017/S1041610221000995>
- **Ziegert, N., Hofbauer, L., & Rodriguez, F. S. (2021).** Innovative Angebote für Menschen mit Demenz in Deutschland. *Nervenheilkunde*, 40(11), 870-883. <https://doi.org/10.1055/a-1529-3414>
- **Wang, T., Hofbauer, L. M., Mantini, D., & Gillebert, C. R. (2021).** Behavioural and neural effects of eccentricity and visual field during covert visuospatial attention. *Neuroimage: Reports*, 1(3). <https://doi.org/10.1016/j.ynirp.2021.100039>
- **Hofbauer, L.M. and Rodriguez, F.S. (2021),** Association of social deprivation with cognitive status and decline in older adults. *International Journal of Geriatric Psychiatry*, 36, 1085-1094. <https://doi.org/10.1002/gps.5555>

Posters and Presentations

- **Hofbauer, L.M., Rodriguez, F.S. (2024, September, Oral Presentation).** Die vermittelnde Rolle von Lebensstil-Aktivitäten in der Verbindung zwischen sozialer Deprivation und Kognition: Ergebnisse aus der Health and Retirement Study (HRS). [The mediating role of lifestyle activities in the association between social deprivation and cognition: results from the Health and Retirement Study (HRS)]. 19th Annual Meeting of the German Association for Epidemiology (DGEpi), Gesundheit Gemeinsam, Dresden, Germany.

- **Hofbauer, L.M.**, Rodriguez, F.S. (2024, August, *Poster*). Social Deprivation and Cognition in Older Adulthood: The Mediating Role of Lifestyle Activities. Alzheimer's Association International Conference (AAIC), Philadelphia, U.S.A.
- **Hofbauer, L.M.**, Rodriguez, F.S. (2024, August, *Poster*). Randomised Controlled Crossover Trial Evaluating Two Caregiver-Delivered Music Listening Interventions for Community-Dwelling People with Dementia. Alzheimer's Association International Conference (AAIC), Philadelphia, U.S.A.
- **Hofbauer, L.M.**, Rodriguez, F.S. (2023, November, *Oral Presentation*). Die Assoziation zwischen sozialer Deprivation, depressiver Symptomatik und Demenzrisiko - Analysen des europäischen SHARE Datensatzes. [The association between social deprivation, depressive symptoms and dementia risk - analyses of the European SHARE data set]. Symposium of the AG for Neurological and Psychiatric Epidemiology within the German Association for Epidemiology (DGEpi), Online Event.
- **Hofbauer, L.M.**, Ross, S.D., Rodriguez, F.S. (2022, October, *Oral Presentation*). Music-Based Interventions for Community-Dwelling People with Dementia. Alzheimer Europe, Helsinki, Finland.
- **Hofbauer, L.M.**, Ross, S.D., Rodriguez, F.S. (2022, September, *Oral Presentation*). Systematic Review of Music-Based Interventions for Community-Dwelling People with Dementia. 17th Annual Meeting of the German Association for Epidemiology (DGEpi), Greifswald, Germany.
- **Hofbauer, L.M.**, Rodriguez, F.S. (2022, September, *Oral Presentation*). High Social Deprivation increases risk of dementia diagnosis in older Europeans: results from the longitudinal SHARE study. 17th Annual Meeting of the German Association for Epidemiology (DGEpi), Greifswald, Germany.
- **Hofbauer, L.M.**, Rodriguez, F.S. (2022, August, *Oral Presentation*). High Social Deprivation as a Risk Factor for Dementia: Findings from the longitudinal SHARE study of older Europeans. Alzheimer's Association International Conference (AAIC), San Diego, U.S.A.
- **Hofbauer, L.M.**, Rodriguez, F.S. (2021, September, *Oral Presentation*). Association of social deprivation with cognitive status and decline in older adults. 56th Annual Meeting of the German Association for Social Medicine and Prevention (DGSMP), Online Event.
- **Hofbauer, L.M.**, Rodriguez, F.S. (2021, September, *Oral Presentation*). Zusammenhang zwischen einem Index Sozialer Deprivation und Kognitivem Status und Abbau bei älteren Erwachsenen [Association of an index of social deprivation

with cognitive status and decline in older adults]. 16th Annual Meeting of the German Association for Epidemiology (DGEpi), Online Event.

- **Hofbauer, L.M.**, Rodriguez, F.S. (2020, November, *Oral Presentation*). Social Deprivation and Cognitive Decline. *Oral Presentation*. Joint conference of the Interdisciplinary Young Investigators (IYI) Group on Alzheimer's & Dementia and the German Center for Neurodegenerative Diseases (DZNE), Online Event.
- **Hofbauer, L.M.**, Wang, T., Gillebert, C.R. (2019, May, *Poster*). Association of Working Memory Capacity (WMC) with Spatial Attention in Healthy Individuals. Annual Meeting of the Belgian Association for Psychological Sciences (BAPS), Liège, Belgium.

Academic Awards

- 3rd Place Publication Prize 2025 Hans-and-Ilse-Breuer-Stiftung
- School of Psychology Distinguished First List for highest scoring graduates 2017
- School of Psychology Merit List for excellent examination performance in 2015-2016
- Head of College Scholars List for excellent performance in 2013-2014

Peer-Review Activity

Alzheimer's and Dementia, PloS One, BMC Geriatrics, International Psychogeriatrics, Journal of Alzheimer's Disease Reports, Reviews in the Neurosciences, Health Education Research.

Professional Memberships

- International Society to Advance Alzheimer's Research and Treatment (ISTAART), 2021 – *Present*
- German Association for Epidemiology (DGEpi), 2021 – *Present*
 - *Co-Chair AG 14*, 2023 – *Present*
- Belgian Association for Psychological Sciences (BAPS), 2017 – 2019