



# Built environments of refugee children's physical activity

## Studies of refugee accommodations and their neighbourhoods in Berlin

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### Project

Refugee children often spend a considerable amount of time in refugee accommodations, where they face an uncertain transitio. Such temporary settings make it difficult for refugee children to engage in physical activity (PA), which is essential for their health and development. It is necessary to identify environmental factors in relevant contexts associated with their PA. Research is still at an early stage, and there is limited understanding of how diverse environmental attributes in and around refugee accommodations are related to children's PA levels. This dissertation examined research questions on micro- and meso-environmental characteristics of refugee accommodations associated with refugee children's PA; moreover, perceived environmental barriers/facilitators from both parents' and children's perspectives.

### Coordination

Urban Design and Planning (UDP)

### Supervision

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### Duration

2017-2021

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China Scholarship Council

### Website

[socio-spatial-interaction.wordpress.com](http://socio-spatial-interaction.wordpress.com)

### Publications

Chen, Siqi, Alison Carver, Takemi Sugiyama, and Martin Knöll 2021 Built-Environment Attributes Associated with Refugee Children's Physical Activity: A Narrative Review and Research Agenda. *Conflict and Health* 15(1): 55.

Chen, Siqi, and Martin Knöll 2022a Understanding Spatial Characteristics of Refugee Accommodations Associated with Refugee Children's Physical Activity in Microenvironments: Six Case Studies in Berlin. *International Journal of Environmental Research and Public Health* 19(13). Multidisciplinary Digital Publishing Institute: 7756.

2022b Perceived Environmental Barriers and Facilitators of Refugee Children's Physical Activity in/around Refugee Accommodation: A Qualitative Case Study in Berlin. *Archives of Public Health* 80(1): 242.

### Comments