CHARITÉ

Berlin School of Public Health | BSPH

Kurzbeschreibung eines Projektthemas

Projektanbieter Institution	Molekulare Epidemiologie (AG Pischon) Max-Delbrück-Centrum für Molekulare Medizin Robert-Rössle-Str. 10 13125 Berlin Tel: 030 / 9406 4573
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Projektthema	Duration and influencing factors of physical activity and sedentary behavior in students participating SMOVE, a Citizen Science project that was conducted during the COVID-19 pandemic.
Projektbeschreibung	SMOVE (Science that makes me move) is a school-based epidemiologic study aiming at assessing physical activity and sedentary behaviour of students (grades 8 or higher) and identifying associated factors based on critical input from young citizens. Data were assessed using questionnaires and 7-day-accelerometry. https://www.mdc-berlin.de/content/combining-school-education-scientific-practice Between February 2020 and June 2021, 152 students from 12 school classes from 9 schools in Berlin and Brandenburg participated in SMOVE. Data collection took place during different COVID-19 pandemic phases. This project will aim at: • Qualitative analysis and report of the Citizen Science part of SMOVE • Analysis of duration and influencing factors of physical activity and sedentary behavior in students in SMOVE • Analysis of self-reported behavior changes in SMOVE during the COVID-19 pandemic
Aufgaben (Umfang 140 Stunden)	Literature research; Development of research question/hypotheses; Preparation of an analysis plan; quality control, plausibility checks and data preparation; data analysis, interpretation and reporting; Familiarization with software (SAS) for data analysis as well as with software (activPAL^{TM}) computing parameters of physical activity and sedentary behavior from raw accelerometer data.
Anzahl der Projektplätze	1-2