# An Agent Based Model for Stimulating the Process of Social Exclusion

The goal of this project is to develop an Agent Based Model (ABM) where the processes that lead to social exclusion-- negative economic, social, and public health outcomes, can be jointly investigated. The main output from the project will be an agent-based model which can be used to simulate the process of social exclusion through the actions of individuals, households, and different policy actors. The model will be used to study four sets of issues: 1) the actions/decisions taken by individuals and/or influenced by multigenerational household characteristics, neighborhood and other factors that lead to social exclusion; 2) how institutional, geographic, and built environment factors that create exclusion interact with one another in the face of heterogeneous individual and household actions; 3) to study the impact that the presence of diverse policy actors each interested in addressing specific (narrow) policy areas has on overall exclusion outcomes; and 4) to study the policy or other interventions and level of coordination from diverse policy actors that are effective in addressing social exclusion issues in the long run in an evolving and dynamic environment.