

## **ICTH Hot Topic Workshop**

*Community severance: the effects of busy roads on local communities and residents*

### **Workshop Description**

Participants will learn what community severance from busy roads is; what we know - and what we do not yet know - about it; and why it is important for active living. Younger and older residents, and those from more disadvantaged communities, are particularly affected. At the end of the workshop, we will present (briefly) our Street Mobility and Network Accessibility project ([www.ucl.ac.uk/street-mobility](http://www.ucl.ac.uk/street-mobility)) and introduce the participants to the suite of tools we have developed. All of our new tools are intended for use by practitioners and researchers; two of the tools are also designed to be usable by local communities themselves.

### **Learning Objectives**

By the end of this 1.5hr workshop, participants should be able to:

1. Explain what community severance is;
2. Discuss the potential impacts of busy roads on health and wellbeing and health-relevant behaviours of local residents;
3. Discuss the potential impacts of busy roads on health inequalities (disparities); and
4. Describe to a colleague where to find tools to measure community severance.

### **Interactive Features**

The workshop will be run in sections, to meet the four objectives. For each of the first three, participants will discuss the question / issues in small groups and then, for objectives 2 and 3, in larger group discussions, each ending with a 5 minute presentation. After the final presentation, on our project and toolkit, participants with a computer will be able to explore the tools themselves.

### **References**

- Ancaes, P.R., 2015. What do we mean by “community severance”?, Street Mobility and Network Accessibility Series, Working Paper 04. [www.ucl.ac.uk/street-mobility/docs/ucl\\_streetmobility\\_paper04](http://www.ucl.ac.uk/street-mobility/docs/ucl_streetmobility_paper04). UCL, London.
- Appleyard, D., Lintell, M., 1972. The environmental quality of city streets: The residents' viewpoint. American Institute of Planners Journal 38, 84-101.
- Mindell, J.S., Karlsen, S., 2012. A review of the evidence on community severance and its impacts on health. J Urban Health 89, 232-246.
- [www.ucl.ac.uk/street-mobility/publications](http://www.ucl.ac.uk/street-mobility/publications)