Air Pollution PostDoc and PhD Positions Available

We are seeking great candidates for one Post-Doc and 2 PhD positions in air pollution exposure assessment and epidemiology at The University of British Columbia (UBC) and Oregon State University (OSU) as part of a major global epidemiologic study (PURE-AIR). The study includes ~200,000 individuals in ~700 communities in ~20 countries and is examining the health impacts of household and outdoor air pollution. If you have any promising students coming up, please put them in touch with Michael Brauer or Perry Hystad as soon as possible.

The **PostDoc** position is specifically focused on coordinating ambient air monitoring and on modelling exposure using measurements and satellite-based estimates developed by the project team. Ideally, the person will be recruited via UBC although there is some flexibility for a position at Oregon State if circumstances require it. They should be willing to spend up to 2 months in summer/fall 2015 at 1-2 field sites in low or middle income countries establishing monitoring sites and developing a protocol for future site establishment. Familiarity with air monitoring instrumentation, troubleshooting and strong organizational skills are necessary. Experience working internationally, with large datasets, and with epidemiologic analyses are also desirable.

We are seeking a **PhD student at UBC** to work on household air monitoring as part of the same study. This work will involve organizing household monitoring in low and middle income rural study communities by implementation of previously developed measurement protocol (samplers will be shipped to local study coordinators for implementation of the protocol – data will be returned to the study center at UBC for management and processing), data management and analysis, estimation of exposures and application in epidemiologic analyses of chronic diseases (e.g. CVD, stroke, lung function, etc.). Strong quantitative skills and an interest in the topic are essential.

In addition, we are seeking a **PhD student at OSU** to work on modelling traffic-related air pollution for all 700 PURE community sites, developing protocols/questionnaires to assess traffic exposure in future PURE follow-up activities, and conducting epidemiological analyses of traffic-related exposure and chronic diseases (e.g. CVD, stroke, lung function, etc.). Strong skills in GIS, statistics, programming, and epidemiology are essential.