

**Partnership for a Green City  
Environmental Health/Climate Change Committee**

The Partnership for a Green City consists of the University of Louisville, Louisville Metro Government, Jefferson County Public Schools. Committee members from UofL include the KY Institute Environment & Sustainable Development (KIESD), School of Public Health and Information Sciences (SPHIS), Center for Environmental Education/College of Ed & Human Development, Geography/Geosciences Dept., Pediatrics/UCHS, School of Medicine (SOM), School of Nursing (SON). Other committee members include representatives from JCPS; Louisville Metro Department of Public Health & Wellness, Passport; KY Lung Assoc.; Kosair Children's Hospital-Child Advocate/Ed. Dept; Air Pollution Control District.

Dr. Robert Jacobs, Professor in the Department of Environmental & Occupational Health Sciences, is the SPHIS representative on the committee. The committee current focus is on climate change. Following are the committee's goals.

1. Collaborate on respiratory diseases (i.e., asthma or COPD) to enhance adaptive strategies to intervene and reduce the impact of air pollution on respiratory issues
  - Enhance communication on air quality alert days (Make people more aware of air conditioning as an adaptive strategy)
  - Track attendance and truancy data in elementary schools (parent portal)
  - Provide educational messages about respiratory diseases (i.e. ozone - asthma & COPD)
  - Track Chronic Obstructive Pulmonary Disease (COPD) in adults
  - Plan and host a session of best standards of practice for practitioners
2. Collaborate on preparedness planning for disease outbreak and heat stress
  - Develop reporting processes to facilitate reportable disease notifications
  - Reporting and coordination with the Health & Wellness Department
  - Reporting and coordination with Louisville Metro Emergency Management Agency (Coordinate with Community Action Agency)
3. Create adaptive strategies that ensure persons at risk are identified and that effective intervention programs are available to populations vulnerable to poor air quality
  - Track changes in asthma episodes/exacerbation at Lassiter Middle School (and maybe others)
  - Effective intervention programs for earlier intervention
  - Work with health plans to see if they may cover smoking cessation
4. Support the distribution, training and use of AEDs across the Partnership organizations.
  - Monitor where AEDs are located
  - Monitor where AEDs are needed

For more information on these activities, contact the Department for Environmental and Occupational Health at 502-852-3290 or [spheohs@louisville.edu](mailto:spheohs@louisville.edu).