Centre for **O**ccupational and
Environmental **R**espiratory **D**isease

APEL Air Pollution Exposure Laboratory

DHCC – The Lung Centre • 7th Floor – 2775 Laurel Street • Vancouver, BC V5Z 1M9

Dr. Christopher Carlsten, Professor of Medicine and Head of Respiratory Medicine at UBC, is looking for a PhD student for an upcoming project funded by Genome BC. The ideal candidate will have a background in microbiology and/or biomedical informatics, but strong candidates from diverse backgrounds will be considered. All candidates must be highly motivated and committed to the project and the team.

This project will focus on a comparison of the microbiome in our environment, versus that within our lungs, specifically in those with COPD. Microbes in our lungs, by definition, originated from elsewhere and that may very well be from the air around us, especially in our homes where we spend a lot of our time. If there are commonalities between the microbiome in these two microenvironments, we can use the results to design interventions that may alter the relationship between the two and thereafter test these interventions to see if they can beneficially alter clinically meaningful parameters. This project is in collaboration with the Nanyang Technological University in Singapore and Dr. Janice Leung of UBC Respiratory Medicine.

Dr. Carlsten and his team have a strong track record of supervising and mentoring trainees at various levels to launch into a diversity of successful careers. Trainees will receive a monthly stipend in accordance with the University of British Columbia graduate studies requirements. You can learn more about our lab at pollutionlab.com.

If you are interested in this graduate studies opportunity, please send your curriculum vitae to Dr. Christopher Carlsten at carlsten@mail.ubc.ca.