

**Naveen Puttaswamy, PhD**  
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## Personal Profile

I am an environmental toxicologist and chemist with research interests in air pollution epidemiology, air toxics exposures, children’s health and exposomics. With over 10 years of research experience, I have worked extensively in multiple mother-child cohorts across India, focusing on the adverse effects of air pollution exposure on birth outcomes and children’s health.

Currently, associate professor in the Department of Environmental Health Engineering, Faculty of Public Health and also the recipient of Emerging Global Leader Fellowship (K43, 2023) from the National Institutes of Health (NIH) USA.

## Research Interests

My research interests encompass the intersection of environment and public health, focusing on the indoor chemistry of air toxics, exposures, biomonitoring and children’s health. The primary research focus is to elucidate the health effects associated with chemical constituents of particulate matter.

## Lab Members

**Dr. Sneha Patil**, NIH Global Health Fellow and PhD Candidate, ‘*Exposure to environmental tobacco smoke and risk of early childhood caries*’.

**Mr. Sudhakar Rao**, Lab Manager and PhD Candidate, ‘*Exposure to urinary PAH metabolites and risk of low-birth weight in HAPIN cohort*’.

Ms. Divya Jaykumar, Research Coordinator, REACH Cohort

Mr. Rahul Lawrence, Field Assistant, REACH Cohort

Ms. Malathi, Field Assistant, REACH Cohort

## Ongoing projects

1. Prenatal exposures to air toxics and adverse birth outcome (2023-2028), National Institutes of Health (NIH), USA.
2. Environmental tobacco smoke and early childhood caries (2023-2025), Fogarty International Center (FIC, NIH), USA

## Publications

1. Patil et al. BMJ Open. 2024;14:e083874. PMID: 38749682
2. Balakrishnan et al. Lancet Planetary Health. 2023;7:e387. PMID: 37164515
3. Clasen et al. N Engl J Med. 2022;387(19):1735-1746. PMID: 36214599
4. Puttaswamy N et al. J Chrom B. 2020;1154:122284. PMID: 32755815
5. Barr et al. Environ Health Persp. 2020; 128:047010. PMID: 32347765



## Education

PhD, Environmental Toxicology  
MSc, Environmental Chemistry  
BSc, Environmental Science

## Awards

Global leader Fellow, NIH, 2023-27  
GHES Fellow, FIC-NIH, 2016-17  
NSERC post-doc Fellow, NRCan, 2012-13



## Collaborators

