

Richard Peltier

**Professor of Environmental Health Sciences at University of Massachusetts
Amherst**

Amherst, MA, US

Richard Peltier's research looks at how poor air quality affects human health.

Biography

Richard Peltier heads the Aerosol Lab at UMass Amherst which investigates the chemical components of ambient particulate matter that have a significant effect on human health. His findings on the protective properties of face masks as protection against air pollution have been widely reported. His urgent research at the start of the COVID-19 pandemic testing whether health care workers could safely reuse face masks designed for one-time use was noted around the world. He is also known for his research on the properties of face masks as protection against air pollution. Peltier's expertise is often sought by national media outlets, government agencies and NGOs, including the U.S. Environmental Protection Agency. He currently serves on the World Health Organization's Global Air Pollution and Health Technical Advisory Group.

Expertise

Air Pollution and Health, Environmental Health, Face Masks, Aerosol filtration, Air Quality, Global Health

Education

Georgia Institute of Technology

Ph.D. Atmospheric Chemistry

Columbia University, Mailman School of Public Health

Masters of Public Health Public Health

University of Massachusetts

B.S. Biology

[Please click here to view the full profile.](#)

This profile was created by [Expertfile](#).