

## **Knowledge gaps and research priorities for understanding transmission of *Mycobacterium tuberculosis* and other airborne infections**

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### **SUPPLEMENTAL ONLINE-ONLY ANNEX:**

Stop TB Partnership's End TB Transmission Initiative members who were interviewed

Paul A. Jensen, PhD: Specialist in all aspects of airborne transmission, infection prevention and control, and laboratory biosafety; decades of international experience in intervention implementation, practice, and research with US CDC (33 years), WHO, Stop TB Partnership, and other NGOs. [linkedin.com/in/paul-jensen-91a21442](https://www.linkedin.com/in/paul-jensen-91a21442)

Anita Rani Kansal, PhD: Nursing superintendent and infection prevention and control specialist at National Institute of TB and Respiratory Diseases, New Delhi India; external assessor for National Quality Assurance Program of Ministry of Health and Family Welfare for health facilities and programs throughout India. [linkedin.com/in/anita-kansal-1830bb154](https://www.linkedin.com/in/anita-kansal-1830bb154)

Yuhong Liu, PhD: Physician, immunologist, microbiologist with over 30 years experience in research and in clinical and public health with TB, especially TB prevention and control in China, with WHO, and with NGOs. [linkedin.com/in/yuhong-liu-420023114](https://www.linkedin.com/in/yuhong-liu-420023114)

Gyanshankar Mishra, MD: Associate Professor in Respiratory Medicine with over 15 years of experience in respiratory diseases, including tuberculosis care and research, as well as implementation of airborne infection control measures for TB and COVID-19. He also currently leads a drug-resistant TB center in India. [linkedin.com/in/gyanshankar-mishra-1008851b](https://www.linkedin.com/in/gyanshankar-mishra-1008851b)

Matsie Mphahlele, PhD: Public health specialist with extensive experience in TB program implementation, airborne IPC, and operational research, with a focus on supporting national and subnational TB strategies in high-burden settings. [linkedin.com/in/matsie-mphahlele-104b8816b](https://www.linkedin.com/in/matsie-mphahlele-104b8816b)

Edward Nardell, MD: Pulmonologist and tuberculosis physician with more than 40 years' experience, and a researcher on airborne infection (TB and Covid) with oversight of the unique human-to-guinea pig transmission facility near Pretoria, South Africa. A special area of interest and research is germicidal UV air disinfection. [linkedin.com/in/ed-nardell-4b764020](https://www.linkedin.com/in/ed-nardell-4b764020)

Jako Albert Nice, PhD: Built Environment health and airborne contagion specialist architect, academic and researcher with over 2 decades experience in public health in South Africa and globally. Leading advisor in risk, design and spatial solutions for healthier buildings. [linkedin.com/in/jako-albert-nice-a5615230](https://www.linkedin.com/in/jako-albert-nice-a5615230)

Jerod Scholten, MPH, DSc: Epidemiologist with more than 3 decades dedicated to prevention, control & elimination of TB and other infectious diseases in more than 30 countries— substantial experience programmatically evaluating TB infection prevention and control programs as well as

strengthening them with capacity building and other initiatives. [linkedin.com/in/jerod-scholten-b734031](https://www.linkedin.com/in/jerod-scholten-b734031)

Carrie Tudor, PhD, MPH: Nurse researcher and public health expert with over 20 years experience working in TB and global health with an emphasis on infection prevention and control and capacity building. [linkedin.com/in/carrie-tudor-b0185a7](https://www.linkedin.com/in/carrie-tudor-b0185a7), [linkedin.com/in/carrie-tudor-43a4a8327](https://www.linkedin.com/in/carrie-tudor-43a4a8327)

Martie van der Walt, PhD: Microbiologist and research scientist / research manager with decades of experience in tuberculosis public health, HIV infection, maternal health, policy and guideline development [linkedin.com/in/martie-ml-van-der-walt-174b799a](https://www.linkedin.com/in/martie-ml-van-der-walt-174b799a)

Varvara Vauhkonen, MSc: Heating, ventilation, and air conditioning (HVAC) engineer with 15 years of experience in designing ventilation systems for TB facilities: [linkedin.com/in/varvaravauhkonen](https://www.linkedin.com/in/varvaravauhkonen)

Richard Vincent, MS: Lighting and germicidal ultraviolet light specialist and researcher, multidisciplinary research specialist in circadian lighting for hospitalized patients, applied research and engineering for germicidal ultraviolet irradiation of airborne and surface borne pathogens. [linkedin.com/in/richard-vincent-7902a610](https://www.linkedin.com/in/richard-vincent-7902a610)

Grigory Volchenkov, MD: Physician with extensive experience in research on and successful implementation of complex airborne infection prevention and control interventions for TB and COVID-19 transmission in health care and community settings. [linkedin.com/in/grigory-volchenkov-94133629](https://www.linkedin.com/in/grigory-volchenkov-94133629)