

HB 4739/SB 3110 Clean Air for Healthy Equitable Schools



Representative Camille Lilly
Senator Adriane Johnson

The best learning happens in schools where students & staff are present and healthy

The [American Lung Association](#) notes that better school air quality is associated with:

- **Improved:** physical health, performance, concentration, math/reading scores
- **Enhanced:** teacher/staff well-being, comfort, job performance
- **Reduced:** absences, illnesses, asthma symptoms, allergens, pollutants

The air in most Illinois schools is not healthy

- **Only an estimated 14% of classrooms in IL public schools** meet *minimum* ventilation code requirements
- Minimum requirements do not ensure that air is healthy and safe
- The impacts of poor school air quality are inequitably distributed, as [asthma](#), [pollution](#) and [viruses](#) disproportionately affect low-income communities & racial and ethnic minority students/staff

We can begin improving the air in schools

- School staff need:
 - more knowledge about the impacts of air quality in classrooms
 - help determining when air quality should be improved
 - an understanding of simple actions that can improve air quality (e.g., opening windows)

Clean Air for Healthy Equitable Schools

Public school teachers will be provided with:

- Educational materials explaining the importance of cleaner air
- Air quality monitors to help staff better understand/manage classroom health and safety

PROVISIONS ARE SUBJECT TO APPROPRIATION

For more information: safeschoolair@gmail.com

Clean Air for Healthy Equitable Schools HB 4739/SB 3110 Endorsements

Current list of endorsements: <https://bit.ly/ILCleanAirBill>

100 Black Men of Chicago	CCCTU Local 1600 - Cook County	Our Illinois Revolution
Activate Chicago Parents	College Teachers Union	Our Revolution Downstate IL
Brighton Park Neighborhood Council	Illinois Environmental Council	Progressive Democrats of America - Illinois
Carbondale Branch NAACP	Illinois Families for Public Schools	Project N95
Chicago Chapter National Black Nurses Association (CCNBNA)	Illinois Federation of Teachers	Raise Your Hand for Illinois Public Education
Chicago Teachers Union	Illinois Medical Professionals Action Collaborative Team (IMPACT)	Respiratory Health Association
Chicago Westside Branch NAACP	Independent Progressive Alliance	SEIU Healthcare Illinois
Clean Air Club	Indivisible Chicago-South Side	She Votes Illinois
Climate Reality Project - Chicago Metro	Indivisible Illinois	SMART Local 265
Coalition of African American Leaders (COAL)	Indivisible Lincoln Square	
	Indoor Air Care Advocates	

William Bahnfleth, PhD, PE, ASHRAE former President and Epidemic Task Force Chair; Chair of ASHRAE pathogen mitigation standard team; Fellow of ASHRAE, the American Society of Mechanical Engineers, and the International Society for Indoor Air Quality and Climate; professor, Pennsylvania State University

Deanna Behrens, MD, MSME, pediatric intensivist, Park Ridge, IL; Health Policy Scholar through Academic Pediatric Association

Ian Cull, CIH, PE, Founder and Chief Science Officer of Indoor Science, an Illinois-based Indoor Environmental Quality consulting firm that works with schools to improve air quality

Jose-Luis Jimenez, PhD, a top 10 most cited aerosol expert; Fellow, American Association for Aerosol Research; engineer and chemist; Distinguished Professor of Chemistry, University of Colorado Boulder

Robin Kalish, MD, MPH, pediatrician, Naperville, IL

Jason Kane, MD, MS, FAAP, FCCM, PICU Attending Physician at Comer Children's Hospital; Associate Professor of Pediatrics at the University of Chicago; research: quality and outcomes in pediatric patients

Shelly Miller, PhD, presenter, White House Summit on Improving Indoor Air Quality; mechanical engineer researching indoor air, airborne infectious diseases; professor, University of Colorado Boulder

Lidia Morawska, PhD, Distinguished Professor; Director, International Laboratory for Air Quality and Health at Queensland U of Technology-a Collaborating Centre of the World Health Organization; Australian Laureate Fellow; Fellow of the Australian Academy of Science; Member, The Lancet COVID-19 Commission Task Force

Barbara Norman, PhD, MPH, MSPS, MSN, Former Deputy Commissioner, Chicago Department of Public Health; Former President, APHA Black Caucus of Health Workers; Former Captain U.S. Army

Kimberly Prather, PhD, aerosol expert; Distinguished Chair in Atmospheric Chemistry; author, "Airborne transmission of SARS-CoV-2" in the journal Science; professor, University of California San Diego

Maria Pyra, PhD, MPH, infectious disease epidemiologist, IL

Jim Rosenthal, past President, National Air Filtration Association; co-founder of Air Relief Technologies; voting member, ASHRAE 52.2; co-inventor of the Corsi-Rosenthal Box DIY air filter

Zachary Rubin, MD, Pediatric allergist/immunologist, Naperville, IL

Devbhaktuni Srikrishna, MS, is an MIT trained engineer, founder of PatientKnowHow.com, air filtration researcher, and has been published in the Lancet and the Journal of the American Medical Association

Brent Stephens, PhD, MSE, indoor air quality and infectious disease transmission expert; Chair and professor, Civil, Architectural, and Environmental Engineering at Illinois Institute of Technology