

Accepted Manuscript

Indoor air quality in classrooms: Environmental measures and effective ventilation rate modeling in urban elementary schools

David L. Johnson, Robert A. Lynch, Evan L. Floyd, Jun Wang, Jacob N. Bartels



PII: S0360-1323(18)30175-6

DOI: [10.1016/j.buildenv.2018.03.040](https://doi.org/10.1016/j.buildenv.2018.03.040)

Reference: BAE 5374

To appear in: *Building and Environment*

Received Date: 15 February 2018

Revised Date: 23 March 2018

Accepted Date: 24 March 2018

Please cite this article as: Johnson DL, Lynch RA, Floyd EL, Wang J, Bartels JN, Indoor air quality in classrooms: Environmental measures and effective ventilation rate modeling in urban elementary schools, *Building and Environment* (2018), doi: 10.1016/j.buildenv.2018.03.040.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Indoor Air Quality in Classrooms: Environmental Measures and Effective Ventilation Rate
Modeling in Urban Elementary Schools

David L. Johnson^{†1}, Robert A. Lynch², Evan L. Floyd¹, Jun Wang¹, and Jacob N. Bartels¹

¹Department of Occupational and Environmental Health
University of Oklahoma College of Public Health
P.O. Box 26901, Oklahoma City, Oklahoma 72126-0901

²Xi'an Jiaotong - Liverpool University
111 Ren'ai Road, Suzhou Dushu Lake Higher Education Town
Jiangsu Province, China 215123

[†] Address correspondence to David L. Johnson, University of Oklahoma Department of Occupational and Environmental Health, 801 NE 13th Street, Room 413, Oklahoma City, OK 73104. Telephone: 405-271-8001 extension 46776. Email: David-Johnson@ouhsc.edu.

Running Title: Indoor Air Quality in Elementary Classrooms

Declarations of interest: None.

Download English Version:

<https://daneshyari.com/en/article/6697476>

Download Persian Version:

<https://daneshyari.com/article/6697476>

[Daneshyari.com](https://daneshyari.com)