

## References

### Environmental Health in Early Care and Education

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- Amoah, A. O., Witherspoon, N. O., Perodin, J., & Paulson, J. A. (2015). Findings from a pilot environmental health intervention at early childhood centers in the District of Columbia. *J Public Health (Oxf)*.
- Anderson, M. E., & Bogdan, G. M. (2007). Environments, indoor air quality, and children. *Pediatr Clin North Am*, 54(2), 295-307, viii.
- Arbes, S. J., Sever, M., Mehta, J., Collette, N., Thomas, B., & Zeldin, D. C. (2005). Exposure to indoor allergens in day-care facilities: results from 2 North Carolina counties. *J Allergy Clin Immunol*, 116(1), 133-139.
- Berkelman, R. L., Guinan, M., & Thacker, S. B. (1989). What is the health impact of day care attendance on infants and preschoolers? *Public Health Rep*, 104(1), 101-102.
- Bradman, A., Castorina, R., Gaspar, F., Nishioka, M., Colon, M., Weathers, W., et al. (2014). Flame retardant exposures in California early childhood education environments. *Chemosphere*, 116, 61-66.
- Bradman, A., Gaspar, F., Castorina, R., Williams, J., Hoang, T., Jenkins, P. L., et al. (2016). Formaldehyde and Acetaldehyde Exposure and Risk Characterization in California Early Childhood Education Environments. *Indoor Air*.
- Cavaleiro Rufo, J., Madureira, J., Paciencia, I., Slezakova, K., Pereira Mdo, C., Aguiar, L., et al. (2016). Children exposure to indoor ultrafine particles in urban and rural school environments. *Environ Sci Pollut Res Int*, 23(14), 13877-13885.
- Claudio, L., Rivera, G. A., & Ramirez, O. F. (2016). Association Between Markers of Classroom Environmental Conditions and Teachers' Respiratory Health. *J Sch Health*, 86(6), 444-451. doi:10.1111/josh.12398
- Ferreira, A. M., & Cardoso, M. (2014). Indoor air quality and health in schools. *J Bras Pneumol*, 40(3), 259-268.

- Deng, W. J., Zheng, H. L., Tsui, A. K., & Chen, X. W. (2016). Measurement and health risk assessment of PM<sub>2.5</sub>, flame retardants, carbonyls and black carbon in indoor and outdoor air in kindergartens in Hong Kong. *Environ Int*, 96, 65-74. doi:10.1016/j.envint.2016.08.013
- Ferng, S. F., & Lee, L. W. (2002). Indoor air quality assessment of daycare facilities with carbon dioxide, temperature, and humidity as indicators. *J Environ Health*, 65(4), 14-18, 22.
- Fuentes-Leonarte, V., Ballester, F., & Tenias, J. M. (2009). Sources of indoor air pollution and respiratory health in preschool children. *J Environ Public Health*, 2009, 727516.
- Gaspar, F. W., Castorina, R., Maddalena, R. L., Nishioka, M. G., McKone, T. E., & Bradman, A. (2014). Phthalate exposure and risk assessment in California child care facilities. *Environ Sci Technol*, 48(13), 7593-7601.
- Gilden, R., McElroy, K., Friedmann, E., Witherspoon, N. O., & Paul, H. (2015). Evaluation of the Children's Environmental Health Network's environmental stewardship checklist responses. *J Environ Health*, 77(7), 22-28.
- Hudson, G., Miller, G. G., & Seikel, K. (2014). Regulations, policies, and guidelines addressing environmental exposures in early learning environments: a review. *J Environ Health*, 76(7), 24-34.
- Jhun, I., Gaffin, J. M., Coull, B. A., Huffaker, M. F., Petty, C. R., Sheehan, W. J., et al. (2016). School Environmental Intervention to Reduce Particulate Pollutant Exposures for Children with Asthma. *J Allergy Clin Immunol Pract*.
- Lucas, I. R., Kowalski, P., Callahan, D. B., Noonan, G. P., Moffett, D. B., Olson, D. H., & Malilay, J. (2016). Formaldehyde Levels in Traditional and Portable Classrooms: A Pilot Investigation. *J Environ Health*, 78(7), 8-14; quiz 44.
- Mazurek, J. M., Filios, M., Willis, R., Rosenman, K. D., Reilly, M. J., McGreevy, K., . . . Harrison, R. (2008). Work-related asthma in the educational services industry: California, Massachusetts, Michigan, and New Jersey, 1993-2000. *Am J Ind Med*, 51(1), 47-59. doi:10.1002/ajim.20539
- Mink, C. M., & Yeh, S. (2009). Infections in child-care facilities and schools. *Pediatr Rev*, 30(7), 259-269.

- Morgan, M. K., Sheldon, L. S., Croghan, C. W., Jones, P. A., Chuang, J. C., & Wilson, N. K. (2007). An observational study of 127 preschool children at their homes and daycare centers in Ohio: environmental pathways to cis- and trans-permethrin exposure. *Environ Res*, *104*(2), 266-274.
- Morgan, M. K., Sheldon, L. S., Croghan, C. W., Jones, P. A., Robertson, G. L., Chuang, J. C., et al. (2005). Exposures of preschool children to chlorpyrifos and its degradation product 3,5,6-trichloro-2-pyridinol in their everyday environments. *J Expo Anal Environ Epidemiol*, *15*(4), 297-309.
- Nafstad, P., Hagen, J. A., Oie, L., Magnus, P., & Jaakkola, J. J. (1999). Day care centers and respiratory health. *Pediatrics*, *103*(4 Pt 1), 753-758.
- Ottesen, R. T., Alexander, J., Langedal, M., Haugland, T., & Hoygaard, E. (2008). Soil pollution in day-care centers and playgrounds in Norway: national action plan for mapping and remediation. *Environ Geochem Health*, *30*(6), 623-637.
- Paulson, J., & Barnett, C. (2010). Who's in charge of children's environmental health at school? *New Solut*, *20*(1), 3-23.
- Quiros-Alcala, L., Wilson, S., Witherspoon, N., Murray, R., Perodin, J., Trousdale, K., et al. (2016). Volatile organic compounds and particulate matter in child care facilities in the District of Columbia: Results from a pilot study. *Environ Res*, *146*, 116-124.
- Roberts, J. W., Wallace, L. A., Camann, D. E., Dickey, P., Gilbert, S. G., Lewis, R. G., et al. (2009). Monitoring and reducing exposure of infants to pollutants in house dust. *Rev Environ Contam Toxicol*, *201*, 1-39.
- Rogan, W. J., & Brady, M. T. (2009). Drinking water from private wells and risks to children. *Pediatrics*, *123*(6), e1123-1137. doi:1
- Salthammer, T., Uhde, E., Schripp, T., Schieweck, A., Morawska, L., Mazaheri, M., et al. (2016). Children's well-being at schools: Impact of climatic conditions and air pollution. *Environ Int*, *94*, 196-210.
- Sathyanarayana, S., Karr, C. J., Lozano, P., Brown, E., Calafat, A. M., Liu, F., & Swan, S. H. (2008). Baby care products: possible sources of infant phthalate exposure. *Pediatrics*, *121*(2), e260-268. doi:10.1542/peds.2006-3766
- Seltenrich, N. (2013). Environmental exposures in the context of child care.

*Environ Health Perspect*, 121(5), a160-165.

Somers, T.S., Harvey, M. L., & Rusnak, S. M. (2011). Making child care centers SAFER: a non-regulatory approach to improving child care center siting. *Public Health Rep*, 126 Suppl 1, 34-40.

Taylor, M. P., Camenzuli, D., Kristensen, L. J., Forbes, M., & Zahran, S. (2013). Environmental lead exposure risks associated with children's outdoor playgrounds. *Environ Pollut*, 178, 447-454.  
doi:10.1016/j.envpol.2013.03.054

Tulve, N. S., Jones, P.A., Nishioka, M. G., Fortmann, R. C., Croghan, C. W., Zhou, J. Y., et al. (2006). Pesticide measurements from the first national environmental health survey of child care centers using a multi-residue GC/MS analysis method. *Environ Sci Technol*, 40(20), 6269-6274.

Viet, S. M., Rogers, J., Marker, D., Fraser, A., Friedman, W., Jacobs, D., et al. (2013). Lead, allergen, and pesticide levels in licensed child care centers in the United States. *J Environ Health*, 76(5), 8-14.

Wilson, N. K., Chuang, J. C., Morgan, M. K., Lordo, R. A., & Sheldon, L. S. (2007). An observational study of the potential exposures of preschool children to pentachlorophenol, bisphenol-A, and nonylphenol at home and daycare. *Environ Res*, 103(1), 9-20.

Wohlgenent, K. C., Cates, S. C., Fraser, A., Chapman, B., Jaykus, L. A., & Chen, X. (2014). Sanitation in classroom and food preparation areas in child-care facilities in North Carolina and South Carolina. *J Environ Health*, 77(4), 20-27.

Zuraimi, M. S., Tham, K. W., Chew, F.T., & Ooi, P.L. (2007). The effect of ventilation strategies of child care centers on indoor air quality and respiratory health of children in Singapore. *Indoor Air*, 17(4), 317-327.