

Update: November 19, 2007

HEALTHY HOMES EXPERT PANEL MEETING
PEER REVIEW OF INTERVENTION STUDIES

RANKED LITERATURE

PANEL 5 – November 19, 2007

Intersection between House and Community

a. Housing location and equity (e.g., environmental justice, avoid wetlands and industrial sites, evaluate brownfields)

Environmental justice and ethics

Interventions for low-income/minority populations that reflect on Environmental Injustice:

1. Krieger, J. W., Takaro, T. K., Song, L., Weaver, M., Krieger, J. W., Takaro, T. K., et al. (2005). The Seattle-King County Healthy Homes Project: a randomized, controlled trial of a community health worker intervention to decrease exposure to indoor asthma triggers. *American Journal of Public Health, 95*(4), 652-659.
Primary: Acevedo-Garcia
Secondary: Dannenberg
2. Krieger, J. K., Takaro, T. K., Allen, C., Song, L., Weaver, M., Chai, S., et al. (2002). The Seattle-King County healthy homes project: implementation of a comprehensive approach to improving indoor environmental quality for low-income children with asthma. *Environmental Health Perspectives, 110 Suppl 2*, 311-322.
Primary: Popkin
Secondary: Shenassa
3. Clougherty, J. E., Levy, J. I., Hynes, H. P., Spengler, J. D., Clougherty, J. E., Levy, J. I., et al. (2006). A longitudinal analysis of the efficacy of environmental interventions on asthma-related quality of life and symptoms among children in urban public housing. *Journal of Asthma, 43*(5), 335-343.
Primary: Villaveces
Secondary: Acevedo-Garcia

4. Hynes, H. P., Brugge, D., Osgood, N. D., Snell, J., Vallarino, J., Spengler, J., et al. (2003). "Where does the damp come from?" Investigations into the indoor environment and respiratory health in Boston public housing. *Journal of Public Health Policy*, 24(3-4), 401-426.

Primary: Dannenberg

Secondary: Popkin

Poor Housing that reflect health disparities specifically for low-income populations

Environmental Justice Building

The following are provided for background, not for review.

1. Agyeman, J., & Evans, T. (2003). Toward Just Sustainability in Urban Communities: Building Equity Rights with Sustainable Solutions. *The Annals of the American Academy of Political and Social Science*, 590, 35-53.
2. Maantay, J. (2002). Zoning law, health, and environmental justice: what's the connection? *Journal of Law, Medicine & Ethics*, 30(4), 572-593.
<http://www.blackwell-synergy.com/doi/abs/10.1111/j.1748-720X.2002.tb00427.x>
3. Macey, G. P., Her, X., Reibling, E. T., Ericson, J., Macey, G. P., Her, X., et al. (2001). An investigation of environmental racism claims: testing environmental management approaches with a geographic information system. *Environmental Management*, 27(6), 893-907.
<http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=11393323>

Policy

1. Goldman, L., Falk, H., Landrigan, P. J., Balk, S. J., Reigart, J. R., Etzel, R. A., et al. (2004). Environmental pediatrics and its impact on government health policy. *Pediatrics*, 113(4 Suppl), 1146-1157.
<http://pediatrics.aappublications.org/cgi/reprint/113/4/S1/1146?ck=nck>

Primary: Villaveces

Secondary: Shenassa

2. Bhatia, R., & Bhatia, R. (2007). Protecting health using an environmental impact assessment: a case study of San Francisco land use decisionmaking. *American Journal of Public Health*, 97(3), 406-413.
<http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17267726>
Primary: Villaveces
Secondary: Acevedo-Garcia

b. Universal design

c. Zoning impact (e.g., eliminate overcrowding, develop and implement strategies that promote mixed-income communities)

d. Green space (e.g., eliminate conditions that have potential mental health impacts)

1. Klitzman, S., Caravanos, J., Belanoff, C., Rothenberg, L., Klitzman, S., Caravanos, J., et al. (2005). A multihazard, multistrategy approach to home remediation: results of a pilot study. *Environmental Research*, 99(3), 294-306.
http://www.ncbi.nlm.nih.gov/sites/entrez?cmd=Retrieve&db=PubMed&list_uids=16154560&dopt=Abstract
Primary: Popkin
Secondary: Villaveces
2. Wells, N. (2000). At Home With Nature: Effects of "Greenness" on Children's Cognitive Functioning. *Environment and Behavior*, 32(6), 775. <http://elib2.cdc.gov:2252/cgi/reprint/32/6/775>
Primary: Shenassa
Secondary: Dannenberg
3. Leventhal, T., Brooks-Gunn, J., Leventhal, T., & Brooks-Gunn, J. (2003). Moving to opportunity: an experimental study of neighborhood effects on mental health. *American Journal of Public Health*, 93(9), 1576-1582.
Primary: Popkin
Secondary: Villaveces

4. Semenza, J. C., Krishnasamy, P. V., Semenza, J. C., & Krishnasamy, P. V. (2007). Design of a health-promoting neighborhood intervention. *Health Promotion Practice*, 8(3), 243-256.
Primary: Shenassa
Secondary: Dannenberg
5. Farley, T. A., Meriwether, R. A., Baker, E. T., Watkins, L. T., Johnson, C. C., Webber, L. S., et al. (2007). Safe play spaces to promote physical activity in inner-city children: results from a pilot study of an environmental intervention. *American Journal of Public Health*, 97(9), 1625-1631.
Primary: Acevedo-Garcia
Secondary: Villaveces
6. Kling JR, L. J., Katz LF. (2007). Experimental analysis of neighborhood effects. *Econometrica*, 75(1), 83-119.
Primary: Popkin
Secondary: Villaveces
7. Kling JR, L. J., Katz LF. (2007). Supplement to "Experimental analysis of neighborhood effects"; Web appendix. *Econometrica Supplementary Material*, 75(1), 83-119.
Primary: Popkin
Secondary: Villaveces

The following is provided for background, not for review.

8. Saegert, S. C., Klitzman, S., Freudenberg, N., Cooperman-Mroczek, J., Nassar, S., Saegert, S. C., et al. (2003). Healthy housing: a structured review of published evaluations of US interventions to improve health by modifying housing in the United States, 1990-2001. *American Journal of Public Health*, 93(9), 1471-1477. <http://www.ajph.org/cgi/content/abstract/93/9/1471>
9. Manjarrez CA, P. S., Guernsey E. (June 2007). Poor Health: Adding Insult to Injury for Hope VI Families. Metropolitan Housing and Communities Center, Brief No. 5.
10. U.S Department of Health and Human Services. National Institute of Health. National Heart, Lung and Blood Institute. (Dec 2003) Cardiovascular health small group discussion in Baltimore City public housing. Consumer Assessment for Community-Based Outreach and Education.

e. Systematic code enforcement

