

# APHA Live Satellite Broadcast

## From the 129th Annual Meeting in Atlanta, Georgia

### Children's Environmental Health

Tuesday, October 23, 2001  
2:30–4:30 p.m. EST

#### Session Overview

An essential public health goal is protection of children's health. To accomplish this goal, the public health community should understand how social and physical environmental influences may adversely impact children's well-being. Towards that goal, this session will highlight ongoing research from the NIEHS/EPA funded Centers for Children's Environmental Health and Disease Prevention Research. Presentations from three of these Children's Centers will address:

- **Mechanisms that underlie children's susceptibility to pesticides.**

Child-specific factors affecting both pesticide toxicity and exposure are under evaluation and will be discussed. Critical to meeting our goal of protecting children's health is the implementation of effective community-based approaches to intervene in exposure-toxicity-disease processes. Intervention research from community-based pesticide exposure intervention projects will be presented. The importance of evaluating pesticide toxicity in a broad public health and multidisciplinary context is well recognized and will be discussed in this session.

- **The role of social and physical environmental stressors in asthma.** There is increasing research evidence that stressors in the social and physical environment (e.g., poverty, inadequate housing, air pollution, income inequalities, racism, lack of employment opportunities and powerlessness) are associated with poor health outcomes, including asthma. Given the complex set of determinants of health status, the disproportionate burden of disease experienced within marginalized communities, and the limited effectiveness of traditional prevention research, particularly within communities of color, there is an increasing need for more comprehensive and participatory approaches to public health research and practice. This session will describe the stress process as a framework for understanding asthma risk, and the rationale for the use of a community-based participatory research process in addressing asthma. Key principals for community-based participatory research will be presented, along with facilitating factors and challenges faced in implementing the partnership. Lessons learned and recommendations for creating effective community-based participatory research partnerships to reduce social and physical environmental triggers for asthma will be described.



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#### Learning Objectives

At the conclusion of this session participants will be able to:

- Identify mechanisms that underlie children's susceptibility to pesticides. These would include identification of factors affecting pesticide toxicity and exposure.
- Apply principles of risk assessment to identify and characterize children's risk to pesticide exposures.
- Appreciate the complex array of social and physical environmental exposures that affect development or exacerbation of asthma.
- Describe community-based intervention programs and understand the key principles of establishing and maintaining community-university partnerships.

#### Target Audience

Public health practitioners and providers with an interest in children's health, especially those who deal with asthma or pesticide exposure.

#### Registration and Viewing Instructions

To register or for information on the program, visit the APHA Web site at [www.apha.org](http://www.apha.org) and click on the "Live Satellite Broadcast" link in the "What's New" box or go directly to [www.apha.org/meetings/satellite.htm](http://www.apha.org/meetings/satellite.htm).

#### Registration is only available online.

Participant materials will be available to registered participants approximately one week before the programs.

You will need to locate a viewing site with a steerable antenna that receives either C- or Ku-band analog satellite signals. Examples of such sites are school, hospitals, community colleges, universities, county extension offices, libraries.

Questions? If so, e-mail them to [videocomm@mindspring.com](mailto:videocomm@mindspring.com).

#### Registration Fee

There is no registration fee to view this broadcast by APHA. **Deadline for registration is October 17.**

#### Continuing Education Credit

Continuing education credit will be offered for a variety of professions based on 3.5 hours of instruction for both sessions. A fee of \$25 per person — per session — will be charged for CE application.

#### Satellite Technical Specifications

Satellite coordinates will be immediately e-mailed to all registered site facilitators and posted on the APHA Web site.

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