

8th Annual

INDOOR AIR QUALITY TOOLS FOR SCHOOLS

NATIONAL SYMPOSIUM

DECEMBER 6-8, 2007, WASHINGTON, DC



AGENDA

December
Wednesday 5

5:00-7:00 pm **Registration** Independence Foyer

December
Thursday 6

7:00 am **Registration** Independence Foyer

8:00-8:45 am **Regional Networking Breakfast** Independence A
Enjoy breakfast while you network with colleagues in your EPA region.

9:00-9:10 am **Welcome** Independence A
Speaker: Elizabeth Cotsworth, *Director, Office of Radiation and Indoor Air, U.S. Environmental Protection Agency*

9:10-9:30 am **Keynote Address and Symposium Call-to-Action** Independence A
Speaker: Dr. Howard Frumkin, *Director, National Center for Environmental Health, U.S. Centers for Disease Control and Prevention*

9:30-10:00 am **ENVISIONING IAQ EXCELLENCE: GETTING STARTED** Independence A
This interactive session will introduce the Framework for Effective School IAQ Programs, including the Six Key Drivers of program success which are described in detail in EPA's groundbreaking document, *Envisioning Excellence: Lessons from Effective Indoor Air Quality (IAQ) Programs*. The Framework for Effective School IAQ Programs: Six Key Drivers is grounded in the experience of hundreds of school IAQ programs and represents the critical elements for creating and sustaining effective IAQ management programs that improve student and staff health, attendance, satisfaction, and performance. In this session, participants will begin to learn what makes a school IAQ program work and will have a chance to share their personal missions for improving IAQ in their schools.
Facilitator: Tracy Enger, *Indoor Environments Division, U.S. Environmental Protection Agency*

10:00-10:15 am **Break** Independence Foyer

10:15-11:45 am **Concurrent Sessions**

HEALTHY SCHOOLS 101: GETTING STARTED WITH THE IAQ TFS PROGRAM Independence FGHI

This introductory session is designed for participants who are new to the *IAQ TFS* Program or to IAQ issues in general. It will cover IAQ basics and provide an initial overview of the *IAQ TFS* Kit. Presenters will explain the factors that contribute to poor IAQ, how it can affect student and staff performance, and how the Kit helps to address these issues.

Speakers: LaShon Blakely, *Region 4, U.S. Environmental Protection Agency*; Shelly Rosenblum, *Region 9, U.S. Environmental Protection Agency*; Adina Neale, *IAQ Coordinator, Saugus Union School District (CA)*; Brian Kasher, *Manager, Environmental Health and Safety, Charlotte-Mecklenburg Schools (NC)*

HEALTHY SCHOOLS 201: TAKING YOUR IAQ PROGRAM TO THE NEXT LEVEL..... Independence BCDE

Looking for new ideas to enliven your IAQ program? Wondering how other schools have sustained successful initiatives? This session will feature former *IAQ TFS* award-winning programs who will share their secrets to keeping IAQ programs thriving for years to come.

Facilitator: Ian Kline, *President and CEO, The Cadmus Group, Inc.*

Speakers: Shelley Bengtson, *Environmental Specialist, Omaha Public Schools (NE)*; Susan Cox, *Director of Risk Management, Visalia Unified School District (CA)*

11:45-1:00 pm Regional Networking Lunch Independence A

1:00-1:30 pm THE MAN WHO BUILT 5000 SCHOOLS: AN INSPIRING LEADERSHIP STORY Independence A

At the turn of the 20th century, Julius Rosenwald, a Sears Roebuck Executive, undertook a personal mission to build schools for poor African-Americans in the rural south. His dedication and perseverance resulted in places to teach for those who had no where to learn. Come hear about how this spirit lives today through the work you are doing to create safe and healthy learning environments for all our nation's children.

Speaker: Michael Hall, *Marketing Officer, Fanning/Howey Associates, Inc.*

1:30-2:15 pm HIGHLIGHTING SUCCESSFUL PROGRAM APPROACHES Independence A

This session will showcase faculty school districts and how the Framework for Effective Schools IAQ Programs: Six Key Drivers is in action in their districts. Leaders from award-winning school IAQ management programs will describe how they built, evaluated, financed, and sustained their effective programs. Speakers will also describe how their programs are improving student and staff health, performance, and productivity and facility management processes.

Facilitators: John Scanlon, Ph.D., *President and CEO, JSEA, Inc.*; Tracy Enger, *Indoor Environments Division, U.S. Environmental Protection Agency*

Speakers: Faculty School Districts

Faculty School Districts

Blue Valley School District (Kansas)

West Carrollton School District (Ohio)

Hartford Public Schools (Connecticut)

Katy Independent School District (Texas)

The School Board of Broward County (Florida)

Visalia Unified School District (California)

Saugus Union School District (California)

2:15-3:30 pm FACULTY SCHOOL DISTRICT BREAK-OUTS..... Breakout Rooms

In these interactive sessions, participants will engage leaders from faculty school districts and gather more in-depth information about how these districts initiated and sustained their successful IAQ management programs. Faculty will build upon the previous general session by providing participants with specific examples of how the Framework for Effective Schools IAQ Programs: Six Key Drivers has formed the basis for an effective system. These sessions will provide participants ample opportunity to ask questions of the faculty and learn how to incorporate successful approaches into individual action plans.

Speakers: Faculty School Districts

3:40-4:40 pm Repeat of Faculty School Break-Outs..... Breakout Rooms

5:00-7:00 pm CELEBRATING IAQ SUCCESS: AWARDS CEREMONY AND RECEPTION..... Independence A

Join in a celebration to honor the 2007 winners of the prestigious *IAQ TFS* awards! Light hors d'oeuvres will be served.

Speaker: Elizabeth Cotsworth, *Director, Office of Radiation and Indoor Air, U.S. Environmental Protection Agency*; Elizabeth Craig, *Deputy Assistant Administrator, Office of Air and Radiation, U.S. Environmental Protection Agency*

7:30-8:30 am Breakfast SessionIndependence A

BEYOND IAQ TFS: AN INTRODUCTION TO OTHER EPA SCHOOLS-BASED PROGRAMS

EPA's wide ranging school-based programs offer resources, assistance, and guidance on environmental risks and management approaches to benefit your schools. During this session, we will highlight four EPA school-based programs: Clean School Bus USA, ENERGY STAR® for K-12 School Districts, Integrated Pest Management, and the Schools Chemical Cleanout Campaign. Come learn what these programs have to offer and how you can use them to improve environmental health and wellness in your district.

Speakers: Jennifer Keller, *Clean School Bus USA, U.S. Environmental Protection Agency*; Katy Hatcher, *ENERGY STAR® Program, U.S. Environmental Protection Agency*; Cyndy Merse, *Schools Chemical Cleanout Campaign, U.S. Environmental Protection Agency*; Kathy Seikel, *Integrated Pest Management Program, U.S. Environmental Protection Agency*

8:30-8:45 am Day 2 WelcomeIndependence A

8:45-9:45 am PUTTING IAQ RESEARCH INTO PRACTICEIndependence A

What does the latest research mean for your school? This panel presentation will describe the latest scientific findings related to IAQ and health, productivity and performance, as well as new national indicators of progress in school environmental policies and programs. Learn from experts how you can use these findings to support your IAQ program.

Facilitator: Laura Kolb, *Director, Center for Scientific Analysis, Indoor Environments Division, U.S. Environmental Protection Agency*

Speakers: William J. Fisk, *Indoor Environment Department, Lawrence Berkeley National Laboratory*; Sherry Everett Jones, *Division of Adolescent and School Health, U.S. Centers for Disease Control and Prevention*

9:45-10:00 am Break

10:00-11:00 am Concurrent Plenaries

THE ROLE OF RISK COMMUNICATION IN IAQ PROGRAMSIndependence FGHI

Effective communication with the school community, parents, stakeholders, and the media can be critical to school IAQ program success. This session will provide participants with the knowledge and tools they need to manage effective risk communications with various audiences. Learn how these concepts can help your school deliver clear and effective messages.

Speaker: Captain Alvin Chun, *U.S. Public Health Service (Ret.), Trainer and Consultant*

FINDING SOLUTIONS: THE VIRTUAL WALK-THROUGHIndependence A

This interactive session will describe how to conduct a facility walk-through to identify solutions to common IAQ problems. Using visual examples and case studies, the presenters will describe how to use the *IAQ TFS* checklists as a basis for a walk-through investigation.

Speakers: Rich Prill, *Building Science and Indoor Air Quality Specialist, Washington State University*; Dave Blake, *Environmental Specialist/Indoor Air/Asbestos, Northwest Clean Air Agency*

ASTHMA-FRIENDLY SCHOOLSIndependence BCDE

Five million school-aged children—that's about 3 students in an average classroom of 30—have asthma. And asthma is a leading cause of absenteeism, accounting for millions of missed school days each year. Hear from schools that have successfully implemented asthma management policies and practices designed to help students with asthma stay healthy and ready to learn.

Speakers: Kelly Beckwith and Ericka Turner, *American Association of School Administrators*; Brian Kasher, *Manager, Environmental Health and Safety, Charlotte-Mecklenburg Schools (NC)*; Nancy Langenfeld, *Director of Coordinated School Health, Charlotte-Mecklenburg Schools (NC)*

11:15-12:15 pm Repeat Concurrent Plenaries Same Room Assignments as Above

12:15-1:30 pm	Meeting Your Partners: A Networking Lunch	Independence A
1:30-2:15 pm	NEW OPTIONS FOR CREATING HIGH PERFORMANCE SCHOOLS	Independence A
	The U.S. Green Building Council's LEED for Schools program and the Collaborative for High Performing Schools (CHPS) are just a few of the growing programs targeted at creating and maintaining green, high-performance schools. This session will focus on the current state of "green" in schools and help participants understand the pros and cons of various green programs and practices. A high-performance school case study will be presented to illustrate how one school "went green."	
	Speakers: Robert J. Kobet, President, <i>Sustainaissance International</i> ; Anja Caldwell, Green Building Program Manager, <i>Montgomery County Public Schools (MD)</i>	
2:30-3:30 pm	Break-Out Sessions (See insert for session descriptions)	
	MOLD AND MOISTURE: DOUBLE TROUBLE FOR SCHOOLS	Conference Theater
	QUIT BUGGING ME: INTEGRATED PEST MANAGEMENT	Independence BC
	RADON IN SCHOOLS	Independence FG
	FRESH AIR: OPTIMAL HVAC MANAGEMENT FOR IMPROVED HEALTH	Independence HI
	GREEN CLEANING: PRODUCTS AND PRACTICES FOR CLEAN AND HEALTHY SCHOOLS	Lafayette/Farragut
	USING THE HEALTHY SCHOOL ENVIRONMENTS ASSESSMENT TOOL (HealthySEAT)	Independence DE
3:45-4:45 pm	Repeat Break-Out Sessions	Same Room Assignments as Above

December
Saturday 8

7:30-8:30 am	Networking Breakfast	Independence A
8:30-9:00 am	PUTTING KNOWLEDGE INTO ACTION	Independence A
	During this session, Symposium participants will reflect on what they have learned, discuss challenges they face and seek solutions from their peers, raise questions for group discussion, and begin planning their strategies for implementing highly effective <i>IAQ TFS</i> programs in their school districts.	
	Facilitators: John Scanlon, Ph.D., <i>President and CEO, JSEA, Inc.</i> ; Tracy Enger, <i>Indoor Environments Division, U.S. Environmental Protection Agency</i>	
9:00-10:00 am	USING IAQ AS A TEACHING AND LEARNING TOOL IN YOUR DISTRICT	Independence A
	Need help with your IAQ program? Get the kids involved! IAQ problems affect kids, so they can often play a key role in IAQ management. This session will highlight various activities for student participation, describe a new resource for integrating IAQ issues into classroom curricula, and offer first-hand student experience on IAQ-related classroom projects.	
	Speakers: Miecha Galbraith, <i>National Education Association</i> ; Megan Sarver, <i>Student, South Whidbey High School (WA)</i> ; Jay Freundlich, <i>Teacher, South Whidbey High School (WA)</i>	
10:00-11:15 am	TAKING IT HOME: CREATING LASTING LEADERSHIP	Independence A
	This dynamic discussion will encourage you to develop plans and declare commitments for achieving bold environmental and health improvements in your schools. Hear how your peers plan to overcome obstacles, implement effective solutions, and collaborate to improve school environments across the country. In this session, you will find the ideas, guidance, and inspiration you need to take effective action to improve IAQ and student and staff health, satisfaction, and performance in your schools.	
	Speakers: John Scanlon, Ph.D., <i>President and CEO, JSEA, Inc.</i> ; Tracy Enger, <i>Indoor Environments Division, U.S. Environmental Protection Agency</i>	
11:15-11:30 am	Closing Presentation	Independence A