

# 2004 Environmental Public Health Tracking Conference

Wyndham Philadelphia Hotel at Franklin Plaza

Philadelphia, PA ★ March 24 - 26, 2004

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## Program Agenda



# 2004 EPHT CONFERENCE

## Special Acknowledgements

### Conference Planning Committee and Session Coordinators

**California**  
Mimi Johnson \*  
Geoff Lomax

**Pennsylvania**  
David Marchetto \*  
Patricia Miller \*

**University of California, Berkeley**  
Amy Kyle

**Washington**  
Glen Patrick \*

**Florida**  
David Johnson \*

### Centers for Disease Control and Prevention

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Geoff Calvert, NIOSH  
Randolph Daley, NCEH/ATSDR \*  
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Amanda Sue Niskar, NCEH/ATSDR  
Patricia Price-Green, NCEH/ATSDR  
Judy Qualters, NCEH/ATSDR  
Steve Redd, NCEH/ATSDR  
Sandy Thames, NCEH/ATSDR \*  
Leslie Todorov, NCEH/ATSDR

**Missouri**  
Roger Gibson

**Montana**  
Marjean Magraw \*  
Michael Spence \*

**Nevada**  
Ihsan Azzam  
Randel Stevens \*

**New York City**  
Dan Kass \*

**New York State**  
Phil Sommerville \*

Planning Committee Member \*

## Poster Session Sponsors



Environmental Systems Research Institute



National Environmental Health Association

# 2004 EPHT CONFERENCE

Wednesday, March 24, 2004

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8:00 am - 9:30 am	Opening Plenary Session ..... Wyndham Ballroom C/D
	Opening Session ..... Judy Qualters, PhD Chief, Environmental Health Tracking Branch, CDC
	Welcome ..... Calvin Johnson, MD, MPH Secretary of Health for Pennsylvania
	Opening Remarks ..... Michael McGeehin, PhD, MSPH Director, Division of Environmental Hazards and Health Effects, CDC
	Keynote Address ..... Ed Thompson, MD, MPH Deputy Director for Public Health Services, CDC
9:30 am - 10:00 am	BREAK ..... Wyndham Ballroom Foyer
10:00 am - 12:00 pm	EPHT: From Vision to Reality ..... Wyndham Ballroom C/D Moderator: Michael McGeehin, PhD, MSPH, Centers for Disease Control and Prevention (CDC)
	<i>A 21st Century Public Health Defense: From Concept to Communities</i> ..... Shelley A. Hearne, DrPH Trust Form America's Health (TFAH)
	<i>Assessing Public Health Impact of Environmental Decisions Through Information Technology and Research</i> ..... Harold Zenick, PhD, and William A. Sonntag, Jr., USEPA
	<i>Building a National Environmental Public Health Tracking Program</i> ..... Judy Qualters, PhD, CDC
	<i>Building the Little Engine that Could</i> ..... Suzanne K. Condon, MS, MA DOH
12:00 pm - 1:30pm	LUNCH (on your own)
12:00 pm - 1:30 pm	Meetings with Assigned EPHT State/Local Health Partners: University of California Berkeley School of Public Health ..... Conference Center Ballroom Tulane School of Public Health and Tropical Medicine ..... Philadelphia Ballroom North Johns Hopkins Bloomberg School of Public Health ..... Philadelphia Ballroom South
1:30 pm - 3:00 pm	Building the Vision: States' Progress in Closing America's Environmental Public Health Gap ..... Wyndham Ballroom C/D Moderator: Geoff Lomax, DrPH California Department of Health Services
	Land Use Mapping as an Environmental Public Health Tracking Tool ..... Mark Werner, PhD, WI DPH

# 2004 EPHT CONFERENCE

Wednesday, March 24, 2004 (Cont.)

*Advances in Asthma Surveillance* .....Suzanne K. Condon, MS, MA DOH

*From Data Analysis and Visualization to Community Contribution:*

*Advances in Birth Outcomes Surveillance*..... Eric Roberts, MD, CA DOHS

*Building a Pesticide-Exposure and Response Data System*

..... Steven C. MacDonald, PhD, MPH, WA State DOH

3:00 pm – 3:30 pm           BREAK ..... Conference Center Hall

3:30 pm – 5:30 pm           Concurrent Sessions I

Conference Center Ballroom	Philadelphia Ballroom North	Philadelphia Ballroom South
<p><b>1A: Health and Environmental Informatics</b> Moderator: Patrick Wall, CDC</p> <p><b>Presenters/Topics:</b></p> <ol style="list-style-type: none"> <li>Mary Forbes, DHHS <i>Federal Health Architecture and Consolidated Health Informatics</i></li> <li>John Loonsk, MD, CDC <i>Public Health Information Network (PHIN)</i></li> <li>William A. Sonntag, Jr., US EPA <i>Eco-Informatics and the EPA National Environmental Information Exchange Network (NEIEN)</i></li> <li>Virginia Foster, PhD, Walter Reed Army Institute of Research, Department of Defense (DoD) <i>ESSENCE - A DoD Health Indicator Surveillance System</i></li> </ol>	<p><b>1B: Asthma and related Environmental Data</b> Moderator: Randolph Daley, DVM, MPH</p> <p><b>Presenters/Topics:</b></p> <ol style="list-style-type: none"> <li>Jeanne Moorman, MS, APRHB/CDC <i>Asthma Surveillance at the National Level</i></li> <li>Karin Yeatts, PhD, Univ. NC at Chapel Hill - <i>Tracking Asthma and Wheezing-related School and Parental Work Absences</i></li> <li>Amy J. Lay, MPH, NM DOH <i>Development of an Asthma-Air Quality Data Linkage Tool</i></li> <li>Francis P. Boscoe, PhD, NYS DOH <i>An Air Quality and Childhood Asthma Surveillance System for New York State: Preliminary Design Considerations</i></li> <li>Paul Rathouz, PhD, Univ. of Chicago <i>Modeling Effects of Air Pollution on Acute Asthma Outcomes in Chicago</i></li> </ol>	<p><b>1C: Emerging Issues – Autoimmune and Neurologic Diseases and related Environmental Data</b> Moderator: Patricia Price- Green, MSPH</p> <p><b>Presenters/Topics:</b></p> <ol style="list-style-type: none"> <li>Virginia Ladd, AARDA - <i>American Autoimmune Related Diseases Association</i></li> <li>Dee Williamson, MS, NCEH/ATSDR, CDC - <i>Studies of Autoimmune/Neurological Diseases in Communities Concerned about Environmental Exposure</i></li> <li>Judy Henry, MS, TX DOH <i>Challenges, Successes, and Issues: The Texas MS Surveillance Experience</i></li> <li>Marni Y.V. Bekkedal, PhD, WI DOH <i>Wisconsin's Application of Environmental Public Health Tracking to Multiple Sclerosis and Amyotrophic Lateral Sclerosis</i></li> <li>Mildred Williams-Johnson, PhD, Division of Toxicology, NCEH/ATSDR, CDC - <i>Neurological Effects from Toxic Substances in Completed Exposure Pathways</i></li> </ol>

6:00 pm – 8:00 pm           Poster Session/Networking Reception (Sponsored by NEHA/ESRI)  
[information sharing - special activities, lesson learned, etc.] ..... Conference Center Hall

# 2004 EPHT CONFERENCE

Thursday, March 25, 2004

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8:30 am - 9:30 am	<b>Closing the Gap with Data and Tools From Partners</b> ..... Moderator: Andrew E. Smith, ScD, SM, ME DHS
	<b>Public Health and Natural Science - The Benefits of CDC/USGS Collaboration</b> ..... Timothy L. Miller, Chief, USGS National Water Quality Assessment Program
	<b>Air Quality Data for EPHT</b> ..... Tim Watkins, MS, Assistant Laboratory Director Air and Mercury, USEPA
9:30 am - 10:45 am	<b>Technical and Conceptual Issues in Environmental Public Health Tracking: Where We Stand and Where We Are Heading</b> ..... Moderator: Amy Kyle, PhD, MPH School of Public Health, University of California Berkeley
	<b><i>Effective Use of Models and Pollutant Monitoring for Exposure Tracking</i></b> ..... Thomas McKone, PhD School of Public Health, University of California Berkeley
	<b><i>Linking Exposure/Hazards and Health Outcomes</i></b> ..... Frances J. Mather, PhD Tulane University, School of Public Health
	<b><i>Data Usage for Environmental Public Health Tracking: The Devil is in the Details</i></b> ..... Beth Resnick, MPH, ScM, Research Associate, Johns Hopkins Bloomberg School of Public Health
10:45 am - 11:00 am	<b>BREAK</b> ..... Wyndham Ballroom Foyer

# 2004 EPHT CONFERENCE

Thursday, March 25, 2004 (Cont.)

11:00 am – 12:30 pm

Concurrent Sessions II

## Wyndham Ballroom B

**2A: Innovative Methods and Tools for Using Traffic and Air Quality Hazard Data for Environmental Public Health Tracking**

Moderator: Randel Stevens, PhD

### Presenters/Topics:

1. Paul B. English, PhD, MPH, CA DOHS  
Visualization and Analytic Methods for the Tracking of Birth Outcomes and Traffic Exposure
2. Fred Dimmick, MS, PE, Leader, Air Quality Trends Analysis Group, USEPA  
Available Air Quality Observations – Air Monitoring and Satellite Data
3. Tim Watkins, MS, Assistant Laboratory Director, Air and Mercury, USEPA  
Opportunities for Linking Air Quality and Public Health – Community Multiscale Air Quality (CMAQ) Model and Other Models

## Philadelphia Ballroom South

**2B: Data Linkage and Its Role in Identifying Blood Lead Levels, related Environmental Data, and Medicaid Data**

Moderator: Roger Gibson, MPH

### Presenters/Topics:

1. Wendy Blumenthal, MPH, LPPB, CDC  
Eliminating Lead Poisoning through Improved Data Integration
2. Jeff Patridge, MA, MO DOH,  
Using Technology in the Fight to End Childhood Lead Poisoning in St. Louis City
3. Jeff Havlena, MS, WI Childhood Lead Poisoning Prevention Program  
Tracking Childhood Lead Testing and Poisoning in Wisconsin

## Philadelphia Ballroom North

**2C: Pesticide Surveillance and Research: Models and Lessons for the Development of State, Local and National Tracking Systems**

Moderator: Ruth Allen, PhD

### Presenters/Topics:

1. Geoff M. Calvert, MD, MPH, NIOSH, CDC  
Tracking Acute Pesticide-related Illness in the US: The SENSOR-Pesticides Program
2. Michael C. R. Alavanja, DrPH, NCI  
The Agricultural Health Study Cohort: Use of Agricultural Pesticides and Associated Health Risks with an Emphasis on Lung Cancer
3. Daniel E. Kass, MSPH, NYC DHMH  
Linking Pesticide Hazard, Exposure and Health Outcomes Data in New York City – Early Report on the Development of a Tracking System

12:30 pm – 2:00pm

LUNCH (on your own)

# 2004 EPHT CONFERENCE

Thursday, March 25, 2004 (Cont.)

2:00 pm - 3:30 pm

Concurrent Sessions III

## Wyndham Ballroom B

**3A: GIS and Spatial Statistics: Methods Used and Lessons Learned from Linking Health and Environmental Data in the UK and the European Union**

Moderator: Wayne Ball, PhD, MPH

### Presenters/Topics:

1. Lars Jarup, MSc, MD, PhD, FFPH, Imperial College London  
*The Small Area Health Statistics Unit and the EUROHEIS Project - an Overview*
2. Linda Beale, MA, PhD, Imperial College London  
*GIS Methods - Use and Misuse*
3. Sylvia Richardson, PhD, DSM, Imperial College London  
*Statistical Methodology for Disease Mapping: Rate Smoothing and Issues of Sensitivity and Specificity*
4. Nicky Best, MSc, PhD, Imperial College London - *Statistical Modelling of Environment-Health Relationships: Handling Ecological Bias*
5. Peter Hambly, Imperial College London - *The Rapid Inquiry Facility - A Tool for Environmental Health risk Assessment (Demonstration)*

## Philadelphia Ballroom South

**3B: Birth Defects and Environmental Data Making the Link**

Moderator: Larry Edmonds, PhD

### Presenters/Topics:

1. Edward F. Fitzgerald, PhD, NYS DOH  
*Birth Defects Surveillance and Environmental Public Health Tracking in New York State*
2. Adolfo Correa, PhD, NCBDDD, CDC  
*Temporal and Spatial Variations in Birth Defects in Atlanta*
3. Elaine Krueger, MPH, MA DOH  
*Environmental/Development Disabilities Linkage Activities*

## Philadelphia Ballroom North

**3C: Cancer and related Environmental Data**

Moderator: Michael R. Spence, MD, MPH

### Presenters/Topics:

1. Beverly Kingsley, PhD, MPH, NCEH/ATSDR, CDC  
*Cancer Clusters and Related Activities at CDC*
2. Dennis Deapen, DrPH, NAACCR  
*State Cancer Registries and Environmental Public Health Tracking*
3. Joann Held, NJ DEP  
*Potential Sources of Environmental Data*
4. Lawrence P. Hanrahan, PhD, MS, WI DPH  
*Childhood Cancer EPHT Demonstration Project*

3:30 pm - 4:00 pm

BREAK ..... Wyndham Ballroom Foyer

# 2004 EPHT CONFERENCE

Thursday, March 25, 2004 (Cont.)

4:00 pm - 5:30 pm

Concurrent Sessions IV

## Philadelphia Ballroom South

### 4A: Risk Communication and Community Outreach

Moderator: Sascha Fielding

#### Presenters/Topics:

1. Jody Lanard, MD, Risk Communication Consultant  
*Risk Communication: Different Stakeholders, Different Guidelines*
2. Susan Robinson, MS, NCEH/ATSDR, CDC  
*CDCynergy Environmental Health Edition*
3. Dick Tardif, PhD, Oak Ridge Institute for Science and Education – *Overview of EPHT/ORISE Communication Activities*
4. Edward M. Oh, MPH, California Environmental Public Health Tracking Program  
*California Environmental Health Tracking Program Stakeholder Needs Assessment*

## Philadelphia Ballroom North

### 4B: Developmental Disabilities: Surveillance, Databases, Data-Sharing, and Environmental Associations

Moderator: David R. Johnson, MD, MS

#### Presenters/Topics:

1. Kim Van Naarden Braun, PhD, NCBDDD, CDC  
*Developmental Disabilities Surveillance: Methods and Results from the Metropolitan Atlanta Developmental Disabilities Surveillance Program (MADDSP)*
2. Keith G. Scott, PhD, Univ. of Miami  
*The University of Miami Developmental Disabilities Database and the Value of Department of Education Data*
3. Beverly Dozier, JD, EPO, CDC  
*The Family Educational Rights and Privacy Act (FERPA): Challenges in Data Sharing*
4. Frank J. Bove, ScD, NCEH/ATSDR, CDC  
*Environmental Etiologies Associated with Developmental Disabilities and the Brick Township, NJ Autism Cluster Investigation: Challenges in Identifying Environmental Etiologies*

## Wyndham Ballroom B

### 4C: Legislation, Data Access and Privacy Issues

Moderator: Amanda Sue Niskar, DrPH, RN

#### Presenters/Topics:

1. Jason W. Sapsin, JD, MPH, Johns Hopkins Bloomberg School of Public Health  
*Impact of the Health Insurance Portability and Accountability Act on Environmental Public Health Tracking*
2. Lloyd L. Evans, BS, IL DOPH  
*Application of the National Environmental Public Health Tracking Program's Bill Writer's Toolkit*
3. Eric M. Roberts, MD, PhD, CA DOH  
*Public-Private Partnerships for Environmental Public Health Tracking*

5:30 pm - 6:30 pm

EPHT Grantees and CSTE Meeting:

CSTE's Environmental and Aging Initiative: Using the BRFSS to Explore

How the Environment Impacts Older Adults ..... Salon 5 and 6

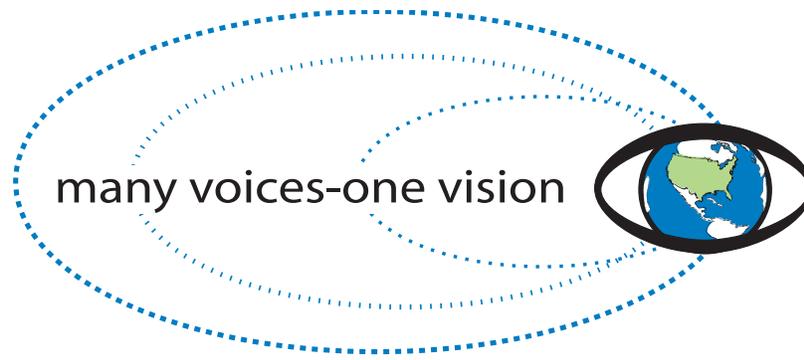
Moderator: Henry Anderson, MD, WI DOH

# 2004 EPHT CONFERENCE

Friday, March 26, 2004

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8:00 am - 10:00 am	<i>Biomonitoring: Helping You Build a Successful Environmental Public Health Tracking Program</i> ..... Wyndham D Moderators: Andrea Lipman, MPH and Charles Buxton, MT(ASCP), SBB, NCEH/ATSDR, CDC
	<i>Biomonitoring Panel "Overview"</i> ..... Ronald H. Laessig, PhD, Director, Wisconsin State Laboratory of Hygiene
	<i>Successful Partnering - Epidemiology and Laboratory</i> ..... Laurie Peterson-Wright, MS Colorado State Public Health Laboratory
	<i>Rocky Mountain Biomonitoring Laboratory Consortium and Integration with Environmental Public Health Tracking</i> ..... Len Flowers, MS New Mexico State Public Health Dept.
	<i>A Paradigm for Biomonitoring</i> ..... Steven C. MacDonald, PhD, MPH Washington State Dept. of Health
	<i>Opportunistic Environmental Bio-Monitoring: The NYC HANES Experience</i> ..... Nancy Loder Jeffery, RN, MPH NYC Department of Health and Mental Hygiene
10:00 am - 10:30 am	BREAK ..... Wyndham Ballroom Foyer
10:30 am - 12:00 pm	<i>On the Road to Success: Incorporating Many Voices through Innovative Partnerships</i> ..... Wyndham D Moderator: Michelle G. Chuk, MPH Physicians for Social Responsibility
	<i>The People Network: Bridging the Environment-Health Gap</i> ..... Beth Resnick, MPH, ScM, Research Associate, Johns Hopkins Bloomberg School of Public Health
	<i>Forming Alliances to Improve Environmental Public Health</i> ..... Becky Smullin, MPH Association for State and Territorial Health Officials (ASTHO)
	<i>Three Thousand Local Health Agencies are Here to Help</i> ..... Thomas S. Dunlop, REHS Public Health Advocate, Pitkin County, CO
	<i>Partnership Development in the City of Houston: Successes and Challenges</i> ..... J. Isaac Joyner, MPH City of Houston DHHS
12:00 pm - 12:30 pm	Presentation: "Where Do We Go From Here?/ Wrap-up" ..... Michael McGeehin, PhD, MSPH Centers for Disease Control and Prevention (CDC)
12:30 pm	ADJOURN



NOTES:

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