



Initiative on Children's Environmental Health

[of the Collaborative on Health and the Environment](#)



Biweekly Bulletin November 3, 2010

This bulletin lists upcoming events plus recent announcements, news and journal articles, calls for proposals and other items related to children's environmental health. They are archived and searchable on our website:

http://www.healthandenvironment.org/working_groups/childrens_health/bulletins.

ICEH Highlights

New Members

The Initiative on Children's Environmental Health welcomes these new members:

- Summer Beattie, ND, Sitka, Alaska
- Kevin Chatham-Stephens, Brooklyn, New York
- Mimi Choi, MD, San Francisco, California
- Nicole Craven, MD, Orlando, Florida
- Cara Dolan, Seattle, Washington
- Jane El-Dahr, MD, New Orleans, Louisiana
- Sandy Gurkewitz, MS, Seattle, Washington
- Kelly Haston, PhD, Cambridge, Massachusetts
- Carina Lagerstedt Nilsson, Saxtorp, Sweden
- Erin Mader, Seattle, Washington
- Diana Richards, Anna, Texas
- Nathan Strohm, DC, Federal Way, Washington

Announcements

A daily news feed with articles and announcements is available on CHE's website:

<http://www.healthandenvironment.org/news/announce>.

[CDC Environmental Public Health Tracking Network Tutorial.](#)

Four new interactive videos are now on the CDC website regarding use of the Public Health Tracking Network, an online system you can use to find out about environmental hazards in your community and health problems that may be related to them.

[DOT, EPA propose the nation's first greenhouse gas and fuel efficiency standards for trucks and buses.](#)

This comprehensive national program is projected to reduce GHG emissions by about 250 million metric tons and save 500 million barrels of oil over the lives of the vehicles produced within the program's first five years.

[SafeMinds flu vaccine videos.](#)

SafeMinds has published a video and brochure as part of their flu vaccine campaign to get the mercury out.

[Ten agencies focus on import safety / agencies work together to protect the public from unsafe imports.](#)

The agency leaders affirmed their commitment to import safety by agreeing to six key principles of import safety, providing a foundation for further collaboration and

cooperation among the agencies charged with protecting American consumers from unsafe imports.

[New report: Pathways to Breast Cancer: A Case Study for Innovation in Chemical Safety Evaluation.](#)

The report is the product of the Breast Cancer and Chemicals Policy project, funded by the California Breast Cancer Research Program.

[ATSDR launches National Amyotrophic Lateral Sclerosis \(ALS\) Registry.](#)

The National ALS Registry is a program to collect, manage, and analyze data about people with ALS. It includes data from existing national databases and information provided by patients who choose to participate. Researchers can use Registry data to look for disease pattern changes over time and try to identify whether there are common risk factors among ALS patients.

[EPA seeks small businesses input on formaldehyde.](#)

The proposed regulation will establish limits for composite wood products (hardwood plywood, medium-density fiberboard, and particleboard) so these products meet emission standards.

[See a related news article: [Oregon's workplace safety agency warns about high-levels of formaldehyde in Brazilian Blowout hair product](#)]

[Call for proposals: ATSDR's Partnership to Promote Localized Efforts to Reduce Environmental Exposure \(APPLETREE\) Program.](#)

The purpose of the program is to: 1) identify pathways of exposure to hazardous substances at hazardous waste sites and releases, and 2) identify, implement, and coordinate public health interventions to reduce exposures to hazardous substances at levels of health concern. This program addresses the "Healthy People 2020" focus area(s) of Environmental Quality.

[Job opening: Maine.](#)

Environmental Health Strategy Center has an opening for a sustainable economy program manager in either their Bangor or Portland, Maine, offices. The initial review of applications is scheduled for mid November.

Upcoming Events

Online Calendar. These and more upcoming events, including requests for proposals and abstracts, are listed in a searchable calendar:

<http://www.healthandenvironment.org/cgi-bin/searchevents.cgi>

1) Stakeholder Meeting Concerning EPA's Long-Term Revisions to the Regulation of Lead and Copper in Drinking Water

Thursday November 4, 2010

9:00 a.m. - 4:00 p.m. Eastern time

Philadelphia, Pennsylvania and virtual

at the Pennsylvania Convention Center, 1101 Arch Street

Sponsor: US Environmental Protection Agency

The US Environmental Protection Agency (EPA) has convened a regulatory workgroup to evaluate potential long-term revisions to EPA's regulations for the control of lead and copper in drinking water. This set of regulations is known as the Lead and Copper Rule (LCR). EPA is holding a stakeholder meeting to provide information to the public and an opportunity for the public to provide input on potential revisions to the LCR under consideration by the Agency. Discussion topics may include but are not limited to lead service-line replacement, actions that could be taken at schools and monitoring procedures and sample site selection. Teleconferencing will be available for individuals unable to attend the meeting in person.

Price: free

[Visit the website](#)

Contact: Jerry Ellis, 202-564-2766 or ellis.jerry@epa.gov

2) Listening Session on Potential Chesapeake Bay Stormwater Rule and Environmental Justice Considerations

Thursday November 4, 2010

10:00 a.m. - noon for the environmental justice discussion and 1:00 - 4:00 p.m. for the stormwater listening session

Washington, DC

at EPA East, 1201 Constitution Avenue NW

Sponsor: US Environmental Protection Agency

EPA is soliciting input specifically on Chesapeake Bay-specific provisions of a new stormwater rulemaking (see [Federal Register Notice PDF](#), 5 pages, 68 KB). Written comments and any supporting data must be submitted on or before December 7, 2010. At this and other stormwater listening sessions, EPA will summarize potential provisions of the stormwater rulemaking with respect to the Chesapeake Bay watershed, and members of the public will be able to make three-minute statements to EPA. If time allows, a general Q&A session may follow. As part of the listening sessions, EPA will also address environmental justice considerations and potential impacts and benefits that may arise as a consequence of the rulemaking. The environmental justice discussion will include a presentation from EPA and a discussion with the group on environmental justice considerations and potential impacts and benefits that may arise as a consequence of the rulemaking. Please register for these listening sessions at least two days before each session begins. You may participate in either the stormwater listening session, the environmental justice discussion, or both. You must attend to participate - a conference call number will not be available. If you cannot attend one of the listening sessions, please register for the webcast on November 16th.

Price: free

[Visit the website](#)

3) Pesticides and Child Health: A Review of the Evidence

Thursday November 4, 2010

12:30 - 1:20 p.m.

Seattle, Washington

at the University of Washington Department of Environmental and Occupational Health Sciences Room T-625

Sponsor: University of Washington Department of Environmental and Occupational Health Sciences

The speaker will be Catherine Karr, MD, PhD, assistant professor in the Department of Environmental and Occupational Health Sciences.

Price: free

[Visit the website](#)

4) Organics Foods, Pesticides and Sustainable Food Production

Thursday November 4, 2010

5:00 p.m. Eastern time

Sponsor: Health Care Without Harm

Long-term, low-level exposure to pesticides has been linked to an array of chronic health problems, including cancer; birth defects; neurological, reproductive and behavioral effects; and impaired immune function. Today, the entire web of life is contaminated

with pesticides. From a human perspective, this contamination begins in the womb, where metabolites to common pesticides have been found in meconium and in fetal cord blood. Pesticides and their metabolites are now routinely part of the human body burden, the load of chemical contamination carried by human populations. Throughout the foods system the impacts of pesticides are observed on soil microorganisms, air and water quality, farmworkers, communities through pesticide drift and in the hive and pollen of honeybees, important agricultural pollinators. The Ontario College of Family Physicians (OCFP) has completed a literature review of pesticides and determined that, "The results of the systematic review do not help indicate which pesticides are particularly harmful. Exposure to all the commonly used pesticides ... has shown positive associations with adverse health effects." The literature does not support the concept that some pesticides are safer than others; it simply points to different health effects with different latency periods for the different classes. Not to be overlooked are the substantial public health costs of pesticide use. Cost of hospitalizations, outpatient cost, lost work, cancers and fatalities associated with pesticide poisonings have been estimated at \$1.1 billion dollars annually. This presentation will provide an ecological health overview on agricultural pesticide use, strategies for reduction such as organic food production and policy opportunities for physicians. Presenters include Joel Forman, MD, of the American Academy of Pediatrics and Kathryn Gilje of Pesticide Action Network. Continuing education for physicians (CME) is available.

Price: free

[Visit the website](#)

5) International Congress on Environmental Health

Thursday through Saturday, November 4 - 6, 2010

Coimbra, Portugal

at the College of Health Technologies of Coimbra

Sponsor: Department of Environmental Health, College of Health Technologies of Coimbra, College of Health Technologies of Lisbon, College of Health Technologies of Oporto, College of Health of Beja

The International Congress on Environmental Health offers an opportunity for all those involved in environmental health to present their work, share expertise and promote partnerships at a nationwide context, thus providing a current snapshot of this interdisciplinary field.

Price: see the [Registration information page](#)

[Visit the website](#)

Contact: see the [Contact page](#)

6) SOPHE 61st Annual Meeting

Thursday through Saturday, November 4 - 6, 2010

Denver, Colorado

at the Denver Marriott City Center

Sponsor: Society for Public Health Education

Public health professionals working in disease prevention and health promotion have much to celebrate and still more to discover. At the conclusion of the Healthy People (HP) 2010 decade, we should pause to take stock of our achievements and learn from our challenges. At this conference, plenary speakers and presenters will share progress and discovery in disease prevention and health promotion, discuss goals and expectations for the next decade, and describe innovative strategies for achieving those objectives.

Price: unknown

[Visit the website](#)

Contact: SOPHE, 202-408-9804 or info@sophe.org

7) 138th Annual APHA Meeting & Exposition

Saturday through Wednesday, November 6 - 10, 2010
Denver, Colorado
at the Colorado Convention Center

Sponsor: American Public Health Association

The conference theme is "Social Justice: A Public Health Imperative." The social circumstances in which we are born, live, and work, play a greater role in longevity and overall health in the United States than genes, health insurance and access to health services. Annual Meeting sessions will explore why certain populations bear a disproportionate burden of disease and mortality and what the public health community can do to better address the causes of these inequities.

Price: see the [Registration Fees page](#)
[Visit the website](#)

Contact: APHA, 202-777-APHA

8) CHE Partnership Call: Fracking: Implications for Human and Environmental Health

Tuesday November 9, 2010
11:00 a.m. Pacific / 2:00 p.m. Eastern time

Sponsor: Collaborative on Health and the Environment

After decades of declining US natural-gas production, a new and powerful drilling technique that fractures rock with high-pressure fluid is opening up vast shale-gas deposits in Texas, Colorado and now many parts of the Northeast. Hydraulic fracturing or "fracking" injects tons of toxic chemicals into the ground in order to break up shale beds rich in natural gas. Researchers, health and environment experts, and community groups have expressed strong concerns about these chemicals' contributing significantly to air and water pollution. The shale gas reserves, however, are seen by a number of companies, states and landowners as an enticing economic opportunity that could reap billions while lowering residential heating bills. The Environmental Protection Agency began public hearings last March to investigate the issue, and a number of citizen protests have recently been held in regions where fracking is already being undertaken or proposed. This CHE Partner call will feature four leading researchers in different fields of expertise to discuss the potential human and environmental health implications of fracking.

Price: free
[Visit the website](#)

Contact: CHE, 360-331-7904 or info@healthandenvironment.org

9) Food Environment, with Michelle Gottlieb and Emma Sirois

Tuesday November 9, 2010
2:00 - 3:00 p.m. Eastern time

Sponsor: Association on Intellectual and Developmental Disabilities (AAIDD) with Greater Boston Physicians for Social Responsibility and the Collaborative on Health and the Environment's Learning and Developmental Disabilities Initiative and Healthy Aging Initiative

Healthy food is a vital component of healthy aging across the lifespan. A growing body of evidence indicates that numerous nutritional factors influence the risk of disease including neurodegeneration. They include saturated and trans fats, omega-3 and omega-6 fatty acids, refined carbohydrates, antioxidants, and micronutrients. Specific dietary patterns can increase or decrease the risk of neurodegenerative diseases and diseases in the "Western disease cluster" of diabetes, cardiovascular disease and

metabolic syndrome more generally. Trends in agriculture and food production over the past 50 to 100 years - including agriculture heavily dependent on fossil fuels, factory farming, and rapid growth in consumption of fast foods and highly processed foods - have created a nutritional profile that is high in calories, saturated fats, refined carbohydrates, and omega-6 fatty acids and low in omega-3 fatty acids and micronutrients. This dietary pattern stimulates an inflammatory response in many tissues and organs. In this presentation we will review food trends and patterns across time, the benefits of a Mediterranean-type diet, and the benefits of sustainably produced food to individual health as well as the greater community, farmworkers and food security. We will discuss the importance of healthy food in healthcare settings and more.

Price: free

[Visit the website](#)

10) Listening Session on Potential Chesapeake Bay Stormwater Rule and Environmental Justice Considerations

Tuesday November 9, 2010

2:00 -5:00 p.m. for the stormwater listening session and 6:30 - 8:30 p.m. for the environmental justice discussion

Richmond, Virginia

at the Omni Richmond Hotel, 100 South 12th Street

Sponsor: US Environmental Protection Agency

EPA is soliciting input specifically on Chesapeake Bay-specific provisions of a new stormwater rulemaking (see [Federal Register Notice PDF](#), 5 pages, 68 KB). Written comments and any supporting data must be submitted on or before December 7, 2010. At this and other stormwater listening sessions, EPA will summarize potential provisions of the stormwater rulemaking with respect to the Chesapeake Bay watershed, and members of the public will be able to make three-minute statements to EPA. If time allows, a general Q&A session may follow. As part of the listening sessions, EPA will also address environmental justice considerations and potential impacts and benefits that may arise as a consequence of the rulemaking. The environmental justice discussion will include a presentation from EPA and a discussion with the group on environmental justice considerations and potential impacts and benefits that may arise as a consequence of the rulemaking. Please register for these listening sessions at least two days before each session begins. You may participate in either the stormwater listening session, the environmental justice discussion, or both. You must attend to participate - a conference call number will not be available. If you cannot attend one of the listening sessions, please register for the webcast on November 16th.

Price: free

[Visit the website](#)

11) Superfund Research Program Annual Meeting

Wednesday through Friday, November 10 - 12, 2010

Portland, Oregon

at The Nines Hotel and Conference Center

Sponsor: Superfund Research Program at Oregon State University

Session topics include particulate matter, building partnerships, susceptible populations, PAHs, phthalates, metals and neurodegenerative disease, BPA and childhood neurodevelopment, arsenic exposure and more.

Price: unknown

[Visit the website](#)

Contact: OSU Conference Services, 800-678-6311

12) CHE Science Café Call: Sacrifice Zones: The Front Lines of Toxic Chemical

Exposure in the United States: A Conversation with Author Steve Lerner

Monday November 15, 2010

11:00 a.m. Pacific / 2:00 p.m. Eastern time

Sponsor: Collaborative on Health and the Environment

Low-income Americans and people of color who live immediately adjacent to heavy industry and military bases are subjected to higher levels of pollution than more affluent citizens and suffer disproportionately severe health effects. Through studies of twelve communities across the US, *Sacrifice Zones* (MIT Press / September 2010), a new book by Steve Lerner, describes the plague of environmentally induced diseases endured by people who live nearby heavy industry and shows how these communities are rising up to take action against the polluters. The book is based on hundreds of interviews of residents of communities on the fence line with heavy industry. Lerner lets the victims of environmental injustice speak in their own words and describe in detail what they experience and how they are organizing to improve their quality of life and protect themselves.

Price: free

[Visit the website](#)

Contact: CHE, info@healthandenvironment.org

13) Environmental Exposures and Early Onset of Puberty

Tuesday November 16, 2010

10:00 a.m. Pacific / 1:00 p.m. Eastern time

Sponsor: Collaborative on Health and the Environment - Fertility

Over the last several decades, the age of puberty in industrial countries has fallen, particularly in female children. A variety of reasons have been proposed to explain this trend. Recent research supports the idea that environmental exposures may be linked to an earlier onset of puberty. Join CHE-Fertility for a conversation with researchers in early puberty to learn more and discuss the issues. We are honored to welcome Dr. Mari Golub from the California EPA, Dr. Michele Marcus from Emory University, and Dr. Heather Patisaul from North Carolina State University on this call. The call will be moderated by Karin Russ, CHE-Fertility national coordinator.

Price: free

[Visit the website](#)

Contact: CHE, info@healthandenvironment.org

14) Virtual Listening Session on Potential Chesapeake Bay Stormwater Rule and Environmental Justice Considerations

Tuesday November 16, 2010

1:00 - 4:00 p.m. Eastern time

Sponsor: US Environmental Protection Agency

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days before each session begins. You may participate in either the stormwater listening session, the environmental justice discussion, or both.

Price: free

[Visit the website](#)

15) 36th National Environmental Health Australia Conference

Tuesday through Friday, November 16 - 19, 2010

Melbourne, Australia

at the Crown Promenade, 8 Whiteman Street, Southbank, Victoria

Sponsor: Environmental Health Australia (Victoria)

An innovative and diverse program will deliver keynote, plenary and workshop sessions around the conference theme "Environmental Health Innovation and Diversity."

Price: see the [price list](#)

[Visit the website](#)

Contact: EHA National Conference Secretariat, 61 3 9018 9332 or adam@conferencemanagement.com.au

16) Atmospheric Toxics Webinar Series: Integrated Monitoring

Wednesday November 17, 2010

2:00 - 4:00 p.m. Eastern time

Sponsor: Great Lakes Commission

Over the last six years, the Great Lakes Commission (GLC), under funding from the US Environmental Protection Agency (USEPA) and in cooperation with the eight Great Lakes states, has awarded research grants dealing with atmospheric toxic pollutants affecting the Great Lakes and their tributary watersheds. Thirty-five research grants have been awarded since 2004 addressing a diverse array of research concerning atmospheric pollutant loadings and movement within the basin and the associated impacts of numerous persistent, bioaccumulative, and toxic (PBT) chemicals on wildlife and human health. A substantial amount of new scientific knowledge has been attained through these research activities. The GLAD webinar series is intended to provide a forum for GLAD Principal Investigators (PIs) to disseminate information on their respective research activities, including specific findings, recommended follow-up actions, and potential public policy actions to foster elimination of PBT threats to the region. James Pagano, PhD, will present "PBT Monitoring in Lake Ontario Basin" and Thomas Holsen, PhD, will present "Development and evaluation of passive samplers for PBT monitoring."

Price: free

[Visit the website](#)

Contact: GLC, 734-971-9135

17) Listening Session on Potential Chesapeake Bay Stormwater Rule and Environmental Justice Considerations

Wednesday November 17, 2010

2:00 -5:00 p.m. for the stormwater listening session and 6:30 - 8:30 p.m. for the environmental justice discussion

Harrisburg, Pennsylvania

at the Forum Building, 5th & Walnut

Sponsor: US Environmental Protection Agency

EPA is soliciting input specifically on Chesapeake Bay-specific provisions of a new stormwater rulemaking (see [Federal Register Notice PDF](#), 5 pages, 68 KB). Written comments and any supporting data must be submitted on or before December 7, 2010. At this and other stormwater listening sessions, EPA will summarize potential provisions

of the stormwater rulemaking with respect to the Chesapeake Bay watershed, and members of the public will be able to make three-minute statements to EPA. If time allows, a general Q&A session may follow. As part of the listening sessions, EPA will also address environmental justice considerations and potential impacts and benefits that may arise as a consequence of the rulemaking. The environmental justice discussion will include a presentation from EPA and a discussion with the group on environmental justice considerations and potential impacts and benefits that may arise as a consequence of the rulemaking. Please register for these listening sessions at least two days before each session begins. You may participate in either the stormwater listening session, the environmental justice discussion, or both. You must attend to participate - a conference call number will not be available. If you cannot attend one of the listening sessions, please register for the webcast on November 16th.

Price: free

[Visit the website](#)

18) Health Effects of Chemicals on Humans

Wednesday November 17, 2010

6:00 - 9:00 p.m.

New Bedford, Massachusetts

at Alfred J. Gomes Elementary School, 286 South Second Street

Sponsor: Technologies of the Future

This talk is part of the series of three talks to help increase interest in and raise public awareness of environmental issues facing the city. The guest speaker will be Dr. Mark Mitchell, specializing in epidemiology, public and environmental health and president of the Connecticut Coalition for Environmental Justice.

Price: free

[Visit the website](#)

Contact: John G. Andrade at 508-993-8500 or obvdc@yahoo.com

19) Environmental Excellence in Health Care: A Showcase of Best Practices

Thursday November 18, 2010

7:30 a.m.- 4:00 p.m.

Baltimore, Maryland

at the University of Maryland School of Nursing, 655 West Lombard Street

Sponsor: Maryland Hospitals for a Healthy Environment and the University of Maryland School of Nursing

Join regional and national health care professionals, environmental industry experts, and educators for this learning and networking event designed to showcase the best practices of hospitals as they journey toward more sustainable environments for hospital staff, patients and communities. Session topics will include best practices for environmentally preferable purchasing, environmental best practices in the operating room, green design and construction, energy conservation, management of hazardous pharmaceuticals, and procurement and service of sustainable foods. Continuing nursing education contact hours are available.

Price: \$55

[Visit the website](#)

Contact: Joan Plisko, PhD, 410-706-2107 or plisko@son.umaryland.edu

20) The Health Effects of Electromagnetic Fields

Thursday November 18, 2010

11:15 a.m. check-in/lunch, noon - 4:30 p.m. program

San Francisco, California

at the San Francisco Commonwealth Club Office, 595 Market Street, 2nd Floor

Sponsor: The Commonwealth Club

Scientific experts will discuss the important emerging public health issue relating to widespread proliferation of electromagnetic fields. Radiation emitted by cell phones and cell towers has been linked to DNA damage, cancer, immunological impairment, neurological diseases and impacts on neurological function, including cognition, behavior, performance, mood status and disruption of sleep. Radiation may also be harming animals and nature, and is as much an environmental as human-health issue. Join us for scientific and health policy presentations about the little-known consequences of telecommunications technologies, electrification and new utility technologies like Smart Meters, and for a discussion of how governments, businesses, parents and schools should best respond. Speakers include Martin Blank, PhD, of Columbia University; Olle Johansson, PhD, of the Karolinska Institute in Stockholm, Sweden; Joel Moskowitz, PhD, of UC Berkeley; physician-epidemiologist Sam Milham, MD; and Magda Havas, PhD, of Trent University in Canada.

Price: \$20 members, \$32 non-members, \$10 students (with valid ID)

[Visit the website](#)

Contact: club@commonwealthclub.org

21) CHE-WA meeting: Environmental Health in the Media: Developing Effective Messages and Getting Better Coverage of Your Issues

Thursday November 18, 2010

2:00 - 4:00 p.m.

Seattle, Washington

in the conference room at the American Lung Association of Washington, 2625 Third Avenue

Sponsor: Collaborative on Health and the Environment - Washington

Come meet with media expert Sian Wu of Seattle's Resource Media to hear her talk about their work to increase the profile of key environmental health campaigns. Bring questions about how to better communicate your own environmental health work to the public and decision makers. Please also bring good ideas and any new tools/innovations you are using to communicate across internet social networks or in-community outreach. We'll leave plenty of open time for group discussion and to generate practical ideas to better communicate the links between human health and the environment across our region and nationally. This meeting is open to the public.

Price: free

[Visit the website](#)

Contact: CHE, info@healthandenvironment.org

22) National School Response Conference 2010

Thursday and Friday, November 18 - 19, 2010

New York, New York

Sponsor: National School Response Conference

NSRC 2010 will address topics of high concern as wide ranging as school violence - school shootings, bullying, dating violence, vandalism, gang activity, alcohol and drugs, bomb threats, child abuse, vandalism, school massacres - catastrophic events such as pandemic outbreaks, tornadoes, terrorist attacks, and technological intrusions. Associations, academic institutions, EMS providers, and law enforcers will showcase the country's statewide initiatives on school security for the development of the best practices for the school community.

Price: unknown

[Visit the website](#)

Contact: Jennifer McCrory, 425-996-7102 jennifer@eve-ex.com

23) Health Effects of Shale Gas Extraction: What Is Known and What Can We Predict?

Friday November 19, 2010

8:00 a.m. - 6:00 p.m.

Pittsburgh, Pennsylvania

at the University of Pittsburgh University Club

Sponsor: University of Pittsburgh Graduate School of Public Health

This free conference will explore the science and methodological approaches behind understanding environmental health impacts associated with increasing development of natural gas extraction from shale deposits found under wide geographical areas of the United States. The conference will present the scientific challenges and issues that are being explored by government and academic investigators, as well novel methodologies being employed to assess the health impacts and reduce the hazards produced by gas extraction, refining and delivery operations. Registration is required.

Price: free

[Visit the website](#)

Contact: 412-383-7540 or seg14@pitt.edu

24) Nurses & Environmental Health: Health Consequences of the Gulf Oil Spill

Friday November 19, 2010

9:00 a.m. - 3:30 p.m.

Mobile, Alabama

at the University of South Alabama College of Nursing, 5721 USA Drive North

Sponsor: University of South Alabama College of Nursing; UAB School of Nursing, Leadership Education in Child-Health Nursing (LECHN) Program; and University of Maryland Environmental Health Education Center

This is a one-day workshop designed to inform nurses of the environmental health consequences of the 2010 Gulf of Mexico oil spill and learn health-risk communication strategies. Nursing CEU's will be available

Price: free

[Visit the website](#)

Contact: Dr. Anne Turner-Henson, 205-934-7533

25) Atmospheric Toxics Webinar Series: Multimedia Models

Wednesday November 30, 2010

10:00 a.m. - noon Eastern time

Sponsor: Great Lakes Commission

Over the last six years, the Great Lakes Commission (GLC), under funding from the US Environmental Protection Agency (USEPA) and in cooperation with the eight Great Lakes states, has awarded research grants dealing with atmospheric toxic pollutants affecting the Great Lakes and their tributary watersheds. Thirty-five research grants have been awarded since 2004 addressing a diverse array of research concerning atmospheric pollutant loadings and movement within the basin and the associated impacts of numerous persistent, bioaccumulative, and toxic (PBT) chemicals on wildlife and human health. A substantial amount of new scientific knowledge has been attained through these research activities. The GLAD webinar series is intended to provide a forum for GLAD Principal Investigators (PIs) to disseminate information on their respective research activities, including specific findings, recommended follow-up actions, and potential public policy actions to foster elimination of PBT threats to the region. Mario Citra, PhD, will present "Internet-based multimedia chemical fate model for the Great

Lakes ecosystem" and Deborah Swackhamer, PhD, will present "Multimedia model to support the assessment and management of chemicals of emerging concern."

Price: free

[Visit the website](#)

Contact: GLC, 734-971-9135

News and Journal Articles

[Glucosamine causes the death of pancreatic cells.](#)

Tuesday, November 02, 2010

High doses or prolonged use of glucosamine causes the death of pancreatic cells and could increase the risk of developing diabetes, according to a team of researchers.

EurekAlert!

[See another article about side effects of treatments: [Infants' antibiotic use tied to bowel disease risk](#)]

[Experts: Alcohol more harmful than crack or heroin.](#)

Tuesday, November 02, 2010

Alcohol abuse is more harmful than crack or heroin abuse, according to a new study by a former British government drug advisor and other experts. WebMD.

[Heavy metals could be the source of your health woes.](#)

Tuesday, November 02, 2010

Heavy metals can show up just about anywhere. There is arsenic in our rivers, lead in our air and mercury in our tuna sandwiches. The real issue, though, is how much of this potentially deadly stuff might be in our bodies. Edinburgh Scotsman, United Kingdom.

[See other articles about metals: [Metal pollution tied to Parkinson's disease](#), [Red dust worries residents near US metals plants](#), [Water safe after Hungary spill but needs monitoring--WHO](#), [Arsenic's method of cardiovascular attack](#), [Arsenic-treated posts being removed from vineyards](#), [How lead gets into urban vegetable gardens](#), [Report links mercury on Cape Cod to global pollution](#) and ['Ecomobile' offers safe disposal for toxic waste](#)]

[Risks and benefits of pool chlorination, with Manolis Kogevinas.](#)

Monday, November 01, 2010

The same disinfectants used to sanitize pools for swimmers can also combine with organic matter in the water to produce potentially toxic disinfection by-products.

Environmental Health Perspectives podcasts.

[Anti-wind group supports claims of health problems with false data.](#)

Monday, November 01, 2010

In Maine a small but vocal group opposes development of wind power, because of concerns about quality of place, of noise and of possible harm to health. Claims regarding possible harm to health are not supported by medical evidence nor medical literature. Augusta Kennebec Journal, Maine.

[Nanotechnology presents regulatory mess.](#)

Monday, November 01, 2010

The debate over how safe nano-enabled products are in consumer use and the workplace has created uncertainty for manufacturers utilizing nanotechnology and a potential mess of regulatory requirements. Industry Week.

[Communication about environmental health risks: a systematic review.](#)

Monday, November 01, 2010

Risk communication strategies that incorporate the needs of the target audience(s) with a multi-faceted delivery method are most effective at reaching the audience.

Environmental Health.

[Sins of the grandfathers.](#)

Saturday, October 30, 2010

It's called transgenerational epigenetic inheritance: the phenomenon in which something in the environment alters the health not only of the individual exposed to it, but also of that individual's descendants. Newsweek.

[Green tea of no use in breast cancer prevention, large study finds.](#)

Saturday, October 30, 2010

A study of data from approximately 54,000 women, published in BioMed Central's open access journal Breast Cancer Research, found no association between drinking green tea and breast cancer risk. Science Daily.

[See related articles: [Breast cancer study turns to patients' sisters to aid research](#), [Brisk walking may reduce risk of breast cancer - study](#) and [Meat, dairy products, sugar may up breast cancer risk - studies](#)]

[ASRM: Pollutants tied to poorer IVF outcomes.](#)

Saturday, October 30, 2010

Exposure to environmental pollutants appears to decrease a woman's chances of becoming pregnant with assisted reproductive technology, three studies showed. Medpage Today.

[See another article about exposures and health outcomes: [Burning straw, dung tied to kids' anemia](#)]

[Getting the dirt on cleaning products.](#)

Friday, October 29, 2010

Joy Onash, the community program manager for the Toxics Use Reduction Institute, of UMass-Lowell, had been invited by the Wellesley Cancer Prevention Project to speak on "The Dirt About Cleaning Products." But she expanded her focus to include the many types of pollution all around us. Gatehouse News Service.

[Oklahoma fails small town.](#)

Friday, October 29, 2010

The U.S. EPA is trying to decide if it should regulate an industrial byproduct called Fly Ash. It's a battle that pits environmentalists against the \$66 billion US coal industry. A group of small-town Oklahomans have inserted themselves into the middle of the battle because they say fly ash is killing them. Tulsa KOTV, Oklahoma.

[Elemental shortage.](#)

Friday, October 29, 2010

The world is running out of cheap phosphorus, the element that lies at the heart of great agricultural advances and thorny environmental problems. Biologists are only now beginning to understand what it means for evolution and human health. The Scientist.

[Author gives readers a revealing and thought-provoking fiction.](#)

Friday, October 29, 2010

A very timely read, with its emphasis on environmental health, and a timeless tale, with its highlight on a seemingly improbable love, *Inherit the Damselfly* is destined to find its market among the sensitive, intelligent and artistic of modern society as readers follow the journey of Sidney Marsh, a naturalist whose life exposes the popular insults to global environmental health from her seat in rural north central Florida. PR Web.

[Scented consumer products shown to emit many unlisted chemicals.](#)

Friday, October 29, 2010

Widely used fragranced products -- including those that claim to be "green" -- give off many chemicals that are not listed on the label, including some that are classified as toxic. ScienceDaily.

[Study: BPA has effect on sperm.](#)

Thursday, October 28, 2010

A controversial chemical found in plastic bottles, soda cans and many other common products appears to adversely affect sperm in men, according to a study involving more

than 200 Chinese factory workers. Washington Post.

[See other articles about BPA: [BPA at low doses, early in life linked to prostate disease in rats](#); [The role of Bisphenol A in shaping the brain, epigenome and behavior](#); [Major health and environment organizations call on government to eliminate public exposure to BPA](#) and [Major producers to ditch BPA from packaging](#)]

The agony of Bhopal continues.

Thursday, October 28, 2010

An estimated 500,000 to one million survivors were exposed to the contamination -- they and their children to this day have been struck with fatal and chronic health problems including blindness, neurological and breathing disorders as well as a range of calamitous birth defects. Fox Business.

San Antonio statement on brominated and chlorinated flame retardants.

Thursday, October 28, 2010

Brominated and chlorinated flame retardants as classes of substances are a concern for persistence, bioaccumulation, long-range transport, and toxicity. Environmental Health Perspectives.

[See a related news article: [Flame retardants said hazardous to health](#)]

Heat, smoke sent Russia deaths soaring in 2010.

Wednesday, October 27, 2010

A heat wave that fanned wildfires and blanketed Moscow with acrid smoke pushed up the number of deaths in Russia by nearly a fifth in July and August this year, according to a government report issued on Monday. Reuters Health.

[See other articles about climate and health: [Climate change to hit Asia's poor hardest: W.Bank](#) and [Companies fight to keep global warming data secret](#)]

Glaxo to pay \$750 million for sale of bad products.

Wednesday, October 27, 2010

GlaxoSmithKline has agreed to pay \$750 million to settle criminal and civil complaints that the company for years knowingly sold contaminated baby ointment and an ineffective antidepressant -- the latest in a growing number of whistle-blower lawsuits. New York Times.

Wash. compiles list of chemicals toxic to children.

Wednesday, October 27, 2010

Johnson & Johnson, Mattel Inc. and other manufacturers of children's products would be required to report whether toys, cosmetics, jewelry, apparel and other items contain certain harmful chemicals, under new rules proposed by Washington state. Associated Press.

[See a related article: [Gretchen's Green Tips: Small pollutants are big for children](#)]

Cell-phone safety: What the FCC didn't test.

Wednesday, October 27, 2010

Skeptics of the safety of cellular phones have seized upon FCC guidelines for radio-frequency energy exposure as evidence that the ubiquitous devices may be exposing Americans to far more radiation than regulators measure. Time Magazine.

[See related articles: [Cell phones pose health risks, says Devra Davis at UCSF seminar](#); [Cell phone liability lawsuits pre-empted by FCC, 3rd Circuit rules](#) and [Epidemiological evidence for a health risk from mobile phone base stations](#)]

Breathe carefully: Air emissions of benzene may cause birth defects.

Wednesday, October 27, 2010

Pregnant women living in Texas neighborhoods with higher air levels of benzene -- a pollutant often released from oil refineries and traffic exhaust -- are more likely to have babies with neural tube defects. Environmental Health News.

[See other articles about air quality and health: [Special report: Burning coal for heat puts families at risk, but many on Navajo land see few options](#); [69 health and other groups urge EPA to save thousands of lives with stronger smog standards](#) and [Ozone raises its ugly head in rural Utah](#)]

[Radiation may be a greater cancer risk for adults than doctors thought.](#)

Wednesday, October 27, 2010

Although doctors had thought that the cancer risks posed by such exposure declined with age, a new study reveals that the hazard may be greater in adults than previously believed. Time Magazine.

[See other articles about radiation: [US research on effects of radiation on humans takes place in Richland](#), [Radioactive waste site inquiry opens](#), [New scanners help cut kids' radiation risks](#), and [When a cancer therapy puts others at risk](#)]

[Lead dangers.](#)

Wednesday, October 27, 2010

Governor Hoeven has declared October to be Home indoor air quality month to encourage North Dakotans to learn more about air quality issues. One issue that has the potential to affect everyone is lead-based paint. KFYP-TV.

[See a related article: [Lead poisoning called 'silent disease'](#)]

[Senate panel examining how chemicals in daily life affect kids' health.](#)

Wednesday, October 27, 2010

A Senate subcommittee Tuesday will examine how chemicals that Americans are exposed to in daily life might be harming the health of children, including those developing in the womb. CNN.

[See related articles: [Everyday chemicals may be harming kids, panel told](#) and [Inhofe hearing statement: Toxic chemicals and children's environmental health](#) and another about a new book: [Annie Murphy Paul: A writer explores fetal origins](#)]

[Safety chief warns China on toys.](#)

Monday, October 25, 2010

Chinese toy makers will be hit with more recalls by U.S. regulators until they do a better job of attacking the root causes of safety defects, the head of the U.S. agency that regulates products said ahead of a visit to China this week. Wall Street Journal.

[See other articles about recalls: [2 candies sold by Chula Vista company recalled](#), [Scare over Hallowe'en toy teeth](#) and [Weight-loss products recalled](#) and others about safety of children's products: [Michigan health experts testing toys for toxic chemicals](#); [Toy, jewelry industries urged by U.S. Safety Commission to limit cadmium](#) and [No mandatory cadmium limits: Shrek glasses were OK](#)]

[When hormone creams expose others to risks.](#)

Monday, October 25, 2010

These anecdotal reports, about 20 of which were first collected by the Veterinary Information Network, a news service for veterinarians, suggest that many women are not taking proper precautions when using topical hormone products - putting not only pets but also family members at risk for hormone exposure. New York Times.

[See another article about risks of hormone treatments: [Don't blame the pill](#)]

[ATSDR report sheds light on extent of Lejeune water contaminants.](#)

Saturday, October 23, 2010

A report released Friday by the ATSDR sheds new light on the extent and variety of chemical contaminants that found their way into the ground and drinking water of sites throughout Camp Lejeune. Jacksonville Daily News, North Carolina.

[See other articles about water contamination: [City water tests high for lead](#), [Health department finds minimal danger from TCE exposure](#), [Fences reduce water pollution](#); [Cost of drinking water going up: U.S. EPA orders public water systems to filter out additional pollutants by 2013](#); [Are emergency water supplies safe? Fed and states can't tell for sure](#); [The poison that got away](#); [Rapidly measured indicators of recreational water quality and swimming-associated illness at marine beaches: A prospective cohort study](#); [Toxic legacy: Century-old tar plumes under Lake Superior stir health fears -- and a cleanup could be years away](#); [Contaminated plume threatens southwest Valley water](#); [Driver error caused mass poisoning](#); [Aid set to clean up north Everett arsenic](#) and [Water champion](#)]

First nations continue tar sands pushback.

Saturday, October 23, 2010

Tribal peoples along the Keystone XL pipeline project's proposed route, and at the source of the devastation, continue to stand in solidarity with one another in pursuit of environmental justice, human rights, and a sane, sustainable energy policy for the Americas. High Country News.

[See other articles about community efforts toward environmental justice: [Migrants unite for better trailer park living](#), [Coal-fired plants blamed for health woes in Latino neighborhoods](#) and [Black Floridians await settlement on toxic contamination](#)]

EPA agrees with state: No evidence of water, soil pollution in Acreage.

Saturday, October 23, 2010

Federal regulators have signed off on the Florida Department of Environmental Protection's conclusion that no evidence exists of water or soil pollution in The Acreage, despite that community's state-declared cancer cluster. Palm Beach Post, Florida.

[See other articles about contaminated sites: [Carson residents protest Shell Oil over soil contamination](#); [New dioxin rules might force more cleanups](#); [Edgewater oil facility may be capped, not cleared](#) and ['Chemical Valley' spurs Ont. lawsuit](#)]

Succimer found ineffective for removing mercury.

Saturday, October 23, 2010

Succimer, a drug used for treating lead poisoning, does not effectively remove mercury from the body, according to research supported by the National Institutes of Health. Some families have turned to succimer as an alternative therapy for treating autism. National Institutes of Health.

Study: Eating tofu to fight tumors?

Friday, October 22, 2010

Soy may be good for the heart, but if you're trying to keep the ticker healthy and happen to be a breast cancer patient as well, then it's not so clear how beneficial soy products may be for you. Time Magazine.

[See other articles about food and health: [Discovery may help scientists boost broccoli's cancer-fighting power](#), [Standards for Gulf's catch put to sniff test after spill](#) and [Researchers ask if organic is worth it](#)]

Sequencing the 'exposome': Researchers take a cue from genomics to decipher environmental exposure's links to disease.

Friday, October 22, 2010

Anxious about BPA? Petrified of pesticides? More than half of disease risks -- and possibly as much as 90 percent -- likely stem from environmental factors, according to recent epidemiological research. Scientific American.

[See related articles: [Lifestyle factors may alter genetic traits, study finds](#) and [Environmental exposures shape human health -- and careers](#)]

Insulin sensitivity may explain link between obesity, memory problems.

Thursday, October 21, 2010

Because of impairments in their insulin sensitivity, obese individuals demonstrate different brain responses than their normal-weight peers while completing a challenging cognitive task, according to new research by psychologists at The University of Texas at Austin. Science Daily.

[See other articles related to obesity: [Fat fathers affect daughters' health](#) and [Obese children show signs of heart disease typically seen in middle-aged adults, researcher says](#)]

Forum focuses on health problems, causes in western Louisville.

Thursday, October 21, 2010

The forum, which drew more than 100 people, dealt with the social and environmental factors affecting the health of western Louisville residents. Louisville Courier-Journal, Kentucky.

[Study shows mineral on ND roads can affect lungs.](#)

Wednesday, October 20, 2010

An asbestos-like mineral used on western North Dakota gravel roads can cause changes in workers' lungs consistent with commercial asbestos exposure that could lead to breathing problems, a study has found. Associated Press, Crookston Daily Times, Minnesota.

[Enviro groups press for expanded EPA oversight of household toxins.](#)

Wednesday, October 20, 2010

Seeking fresh momentum in their push for stronger federal toxics law, environmental groups today are homing in on a nearly universal path of human exposure to chemicals: the home. Greenwire.

[Children breathing fumes from water-based paints have high risk of asthma, allergies, new study says.](#)

Wednesday, October 20, 2010

Children who sleep in bedrooms containing fumes from water-based paints and solvents are two to four times more likely to suffer allergies or asthma, according to a new scientific study. Environmental Health News.

[See another article about asthma: [Traffic link to 'worsening' child asthma](#)]

[Particulate matter induced health effects: Who's susceptible?](#)

Wednesday, October 20, 2010

We identified a diverse group of characteristics that can lead to increased risk of PM-related health effects including lifestage (i.e., children and older adults), preexisting cardiovascular or respiratory diseases, genetic polymorphisms, and low socioeconomic status. Environmental Health Perspectives.

[See other articles about particulate matter and health: [Electrocardiographic ST segment depression and exposure to traffic-related aerosols in elderly subjects with coronary artery disease](#); [Subclinical responses in healthy cyclists briefly exposed to traffic-related air pollution: an intervention study](#); [Evaluation of the public health impacts of traffic congestion: a health risk assessment](#); [Eco group finds outdoor furnaces a major hazard in Conn.](#) and [Vascular and cardiac impairments in rats inhaling ozone and diesel exhaust particles](#)]

[Getting the lead out: important exposure science contributions.](#)

Wednesday, October 20, 2010

The characterization of human lead-exposure pathways and internal lead burdens is an important exposure science advance that has contributed to an impressive public health success story that is not yet finished. Journal of Exposure Science and Environmental Epidemiology.

[See other articles about exposure science: [Maternal exposure to perfluorinated acids and fetal growth](#); [Infants' exposure to aluminum from vaccines and breast milk during the first 6 months](#); [Comparison of food consumption frequencies among NHANES and CPES children: Implications for dietary pesticide exposure and risk assessment](#); [Determinants of serum cotinine and hair cotinine as biomarkers of childhood secondhand smoke exposure](#); [Urinary and air phthalate concentrations and self-reported use of personal care products among minority pregnant women in New York City](#); [Concentration of metals in blood of Maine children 1-6 years old](#) and [Pesticide use and opportunities of exposure among farmers and their families: cross-sectional studies 1998-2006 from Hebron governorate, occupied Palestinian territory](#)]

The Collaborative on Health and the Environment offers this information as a service but does not endorse any of the events, articles or announcements.

Companion bulletins are available for different audiences:

- For those interested in environmental health as it relates to learning and developmental disabilities: <http://www.iceh.org/LDDIbulletins.html>

- For those interested in environmental health in Washington State and the Pacific Northwest: <http://washington.chenw.org/bulletins.html>

While there is overlap with this bulletin, there are some events and announcements unique to those bulletins.

If you would like to join the Collaborative on Health and the Environment (CHE) and the ICEH Working Group, please complete the application on the CHE website: <http://www.healthandenvironment.org/application> Joining CHE means receiving up to four email messages a month from the CHE National listserv. CHE costs nothing to join and the benefit is shared information and opportunities for further engagement, if you choose. Be sure to mark that you want to join the Initiative on Children's Environmental Health Working Group at the bottom of the application.

Nancy Snow
Collaborative on Health and the Environment

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