



## NEHA Convenes in the Nation's Capital

What better place to focus on policy involvement than in our nation's capital of Washington, DC? Approximately 20% of the training and educational sessions at NEHA's 77th Annual Educational Conference (AEC) & Exhibition, July 9–11, 2013, discussed the impacts of policy making and how it may affect environmental health around the country and in your community.

The focused exploration into the facet of policy involvement at the NEHA 2013 AEC included training and educating conference attendees on

- the rationale behind public policy decisions that impact the field of environmental health;
- discovering fresh ways to build capacity, find authority, and leverage unconventional partnerships to advance environmental health and protect human health;
- learning how the Food Safety Modernization Act is being implemented on the ground floor and the implications it has for policy at the state and local level;
- honing skills in communication, conflict resolution, and collaboration;
- learning communication techniques to influence policy within agencies from the local to the national level;
- best practices and lessons learned from others to streamline and optimize the implementation of policy decisions within the workplace; and
- empowering creation of policy that leverages resources efficiently and embraces the "newer frontiers" of environmental health.

AEC attendees were also introduced to policy involvement at the highest level of government as keynote speaker Dr. Graham Allison presented his expertise in policy and decision making during the Cuban Missile Crisis. He shared insights from his experience and how they could



be used in local government to make daily decisions regarding politics, policies, finances, and of course, environmental health!

Outside of the conference walls, attendees were able to see government in action as they took to the sites and visited historical monuments, Capitol Hill, history museums, and more!

Over the years, the AEC has evolved into a multifaceted event. It has become so much more than a conference and serves as the nexus for environmental health training, education, networking, and advancement. By producing a multifaceted event each year, NEHA looks to address the differences attendees

can have in their learning experiences while at the same time offering an event that continues NEHA's mission to advance the environmental health and protection professional for the purpose of providing a healthful environment for all.

Some of the facets that make up an AEC include

- training,
- education,
- networking,
- advancement,
- motivation and inspiration,
- policy involvement, and
- enjoyment of the destination.

## Greening of the AEC

### Third Annual Community Volunteer Event



For a third year, NEHA organized a community volunteer event at the AEC to support NEHA's sustainable efforts and give back to the AEC host city community by helping to offset the energy expenditures and greenhouse gas emissions of holding a large conference. Eighteen participants helped clean up a nearby stretch of the Four Mile Run trail and tidal stream bank area, adopted by and in collaboration with the U.S. Environmental Protection Agency's Potomac Yards Green Team. This is an important intervention in protecting downstream areas—such as the Potomac River, Chesapeake Bay, and the Atlantic Ocean—from litter, debris, and pollution.

Volunteers got to enjoy the outdoors (the weather was unusually cool, but it also rained!), great camaraderie with their fellow colleagues, and giving back to the community. At least 20 bags each of trash and recyclables were collected. Some of the more unusual items were an old sneaker, two different flip flops, a fishing pole, a license plate, tire tread, and car bumper parts. Upholding the principles of sustainability, volunteers also walked to and from the event, which was only half a mile away. Thank you to all of the volunteers listed below for their dedication and perseverance!

Darryl Booth	Agustina Lopez Novillo
Landon Brokaw	Stephanie Peugh
Sandra Cooke Hulbert	Michelle Rhone
Carol Dellapenna	Sharon Smith
Karen Fischer	Emily Sjoström
Karen Gregory	Scott Starzynski
Margo Jones	Genette Stump
Melody Liples	Jacqueline Taylor
Jenny Murphy	Dale Yamnik

### Green Initiatives at the AEC

NEHA continues to make the AEC a more environmentally sustainable event with guidance from the APEX/ASTM Standards. These standards are a set of nine formal, voluntary standards developed by the meetings, conventions, exhibitions, and events industry to provide event planners and suppliers prescriptive, measurable specifications for producing events in a more sustainable manner ([www.conventionindustry.org/standardspractices/apexastm.aspx](http://www.conventionindustry.org/standardspractices/apexastm.aspx)). Below are several tangible ways NEHA and the host hotel achieved some of the requirements of the standards.

#### Destination Choice: Washington, DC, Area

- Central location with the hotel within 10 miles of an airport.
- Sustainable transportation was available and promoted to attendees.
- Held a community volunteer event.

#### Exhibits

- Advised exhibitors how to green the exhibition.

#### Transport/Shuttles

- Used shuttles and mass transit when possible.

#### Marketing

- Used online and electronic communications, registrations, and confirmations.
- Printed in ways that reduced use of paper.
- Reduced waste related to attendee badges.
- Employed reusable signage wherever possible.

#### On-site Offices

- Printed in double-sided mode as much as possible.
- Reused shipping materials.

#### Audio Visual

- Turned off equipment at the end of each day.
- Energy efficient equipment was used whenever possible.
- Audio visual supplier participates in an equipment recycling program.

#### Food and Beverage

- No bottled water was served.
- Used reusable glasses, mugs, utensils, napkins, etc.

- Recycled approximately 100 pounds of paper, cardboard, plastic, and aluminum from July 7–10.
- Served 63 vegetarian/vegan meals.
- Used 469 pounds of locally sourced meats for the AEC's three ticketed food events.
- Leftover food from large events was minimized through the use of accurate meal counts.
- Three thousand pounds of food waste was composted from the AEC.

#### Meeting Venue

The host hotel, the Hyatt Regency Crystal City, has specific green objectives to achieve by 2015. Items below are helping to meet those goals.

##### Waste Management

- Paperless check-in and check-out at the front desk.
- Comprehensive recycling program with bins throughout the facility.
- Biodegradable, eco-friendly shampoo and lotion bottles used in guest rooms.

##### Food and Beverage

- Employs the Hyatt Regency program, "Food. Thoughtfully Sourced. Carefully Served."
- Purchases organic, local, seasonal, or sustainable food and beverage.
- Purchases coffee that is certified organic, bird friendly, Rainforest Alliance, fair-trade certified, or other certified shade grown or bird friendly.
- Uses green certified cleaning products.
- Employs packaging reduction and post-consumer content in carryout containers and menu paper.

##### Energy

- Guests have easy access to public transportation or shuttle services.
- Energy efficient equipment, such as compact fluorescent lighting and programmable timers/sensors, are used.
- Linens and towels are changed every three days on longer stays unless otherwise directed by guests.
- Low flow faucets, shower heads, and toilets have been installed.

##### Procurement

- Uses water-based paints and office supplies containing post-consumer recycled fiber.

## TRAINING *and* EDUCATION

**T**raining and education are the most important reasons why people choose to attend the AEC. This year's agenda included over 180 presentations and 275 presenters; preconference workshops on the Model Aquatic Health Code, conflict analysis and resolution, and the public participation process; lecture and mini-lecture sessions; Learning Labs for hands-on training in roundtables, talk show panels, facilitated discussions, and group exercises; and drop-in Learning Labs with self-directed hands-on exercises.

Since the AEC was in such close proximity to our nation's capital, and given the current economic climate, it was only appropriate that NEHA build a strong policy component in the 2013 AEC. Forty-five policy-oriented sessions within many topic areas were aimed at building capacity for environmental health work within agencies, finding novel funding streams, creating innovative partnerships, and sharing results from pilot programs and alternative business models.

The AEC offered two policy tracks—environmental health policy and policy for an integrated food safety system (IFSS). The policy for an IFSS track was kicked off by the Food and Drug Administration's Deputy Commissioner for Foods Michael Taylor, JD, and focused on active implementation progress of the Food Safety Modernization Act (FSMA) from the national level to the local level. The environmental health policy track included a session on how to effectively communicate environmental health messages on Capitol Hill. It was followed by a field trip to Capitol Hill with a staffer of New Mexico Senator Tom Udall's office. Other policy-related sessions were most prominent in the sustainability, leadership/management, healthy homes and communities, and wastewater tracks where there were several sessions that generated lively conversation around local, state, and federal policy-making activities.

NEHA intends for attendees to return to their workplaces after the AEC with the ability to more than pay for their trip by continuing to incorporate return on investment (ROI) principles into the education and training structure. The AEC planning committee set out to deliver sessions that



*AEC attendees got some hands-on training through the drop-in Learning Labs. These sessions enabled attendees to interact closely with experts to gain the knowledge, skills, and resources needed to do their jobs.*

were 1) relevant to attendee job duties; 2) offered new knowledge, skills, or strategies; and 3) gave attendees either an opportunity to practice or the means to apply and implement the new knowledge, skills, or strategies upon returning to their workplace. To that end, presenters were guided to create presentations around learning objectives as tangible outcomes for attendees. NEHA will measure the ROI of the AEC by distributing a series of electronic surveys to conference attendees over a span of approximately six months inquiring about what was gained, what was applied or implemented, and the quantifiable difference it made in performance, efficiency, or expense.

Other organizations that worked synergistically with NEHA to produce stellar educational content for the conference include the Association of Environmental Health Academic Programs, the Association of Pool and Spa Professionals, the State Onsite Regulators Alliance and Captains of Industry, the Food and Drug Administration, the U.S. Environmental Protection Agency, the Centers for Disease Control and Prevention, the U.S. Department of Housing and Urban Development, the National Center for Healthy Housing, American Public University, and the Uniformed Services Environmental Health Association.

### Environmental Health Topics Covered: You Spoke and We Listened!

Using attendee comments and suggestions provided in the 2012 AEC attendee survey, 2013 AEC market research survey, and on NEHA's abstracts blog, a heavy emphasis was

placed on sustainability and FSMA. NEHA continues to look for ways to give attendees what they want and need. The AEC's educational program also covered the following topics.

- Air quality;
- children's environmental health/schools;
- disaster/emergency response;
- emerging environmental health issues;
- environmental health impact assessments;
- environmental health policy;
- environmental health tracking and informatics;
- environmental justice;
- food protection and defense;
- general environmental health;
- hazardous materials and toxic substances;
- healthy homes and healthy communities;
- injury prevention and occupational health;
- international environmental health;
- leadership/management;
- onsite wastewater;
- pathogens and outbreaks;
- policy for an integrated food safety system;
- recreational waters, including pools/spas;
- sustainability (climate change and land use planning and design);
- technology and environmental health;
- terrorism/all hazards preparedness;
- uniformed services;
- vector control and zoonotic diseases;
- wastewater; and
- water quality.

### NEHA's Technical Advisors

- Children's Environmental Health—M.L. Tanner, HHS;
- Disaster/Emergency Response—Vince Radke, MPH, REHS, CP-FS, DAAS;
- Emerging Pathogens—Lois Maisel, RN, CP-FS;
- Environmental Justice—Sheila D. Pressley, PhD, REHS/RS;
- Food (including Safety and Defense)—John A. Marcello, REHS, CP-FS, and Scott Holmes, REHS/RS;
- General Environmental Health—Eric Pessell, REHS;
- Hazardous Materials/Toxic Substances—Priscilla Oliver, PhD;
- Healthy Homes and Healthy Communities—Sandra Whitehead, MPA;

- Injury Prevention—CAPT Alan J. Dellapenna, Jr., RS, MPH, DAAS;
- Institutions/Schools—Angelo Bellomo, REHS;
- International Environmental Health—Sylvanus Thompson, PhD, CPHI (Canada);
- Land Use Planning/Design—Steve Konkel, PhD, and Felix I. Zemel, MCP, MPH, REHS/RS, DAAS;
- Legal—Bill Marler;
- Meteorology/Weather/Global Climate Change—LCDR James Speckhart, MS;
- Occupational Health/Safety—Donald Gary Brown, DrPH, CIH, RS;
- Pools/Spas—Colleen Maitoza, REHS;
- Radiation/Radon—R. William Field, MS, PhD;
- Recreational Water—Tracynda Davis, MPH;
- Risk Assessment—Sharron LaFollette, PhD;
- Sustainability—Tom R. Gonzales, MPH, REHS;
- Technology (including Computers, Software, GIS, and Management Applications)—Darryl Booth, MBA;
- Terrorism/All Hazards Preparedness—Martin Kalis;
- Vector Control—Zia Siddiqi, PhD;
- Wastewater—Craig Gilbertson, RS;
- Water Pollution Control/Water Quality—Sharon Smith, RS; and
- Workforce Development, Management Policy, and Leadership—Val Siebel, REHS, and Ron de Burger, CPH, CPHI (Canada).



# Virtual AEC

NEHA was pleased to again offer the Virtual AEC to attendees and to those who were not able to make it to the AEC in Washington, DC. With current budget cuts and demanding workloads NEHA understands that it is difficult for some environmental health professionals to get the approval and support to attend events like the AEC. The Virtual AEC provided those individuals with the opportunity to share in the AEC experience right from their office or home desks.

Twenty-five educational sessions were recorded live during the AEC and virtual attendees were able to view the sessions as they happened and ask questions of the speakers almost as if they were sitting right there in the rooms. Additionally, virtual attendees were able to connect with AEC attendees, speakers, and exhibitors through networking tools available in the Virtual AEC. The Virtual AEC also provided attendees with access to speaker presentations, handouts, and other materials, along with the opportunity to earn continuing education credits.

The Virtual AEC was available to those who attended the conference in Washington, DC—free of charge—as a valuable part of their registration package. Before even getting to Washington, DC, attendees were able to build their own schedules of training, networking, and advancement opportunities to take advantage of while at the AEC. The Virtual AEC also offered attendees greater flexibility to attend more sessions (and learn more) by being able to access the recorded sessions after the conference at their own convenience. Plus, attendees can go back and continue to review recorded sessions as many times as they would like for a year!

Although the 2013 AEC has ended in Washington, DC, the Virtual AEC continues to provide access to valuable educational content and networking opportunities. If you did not attend this year's AEC, you too can have access to these items by registering for the Virtual AEC. Visit [neha2013aec.org](http://neha2013aec.org) to **register today!**

## Grants, Partners, and Sponsors

### Grants

- » Food and Drug Administration

### Partners

- » Centers for Disease Control and Prevention/National Center for Environmental Health
- » Food and Drug Administration
- » National Center for Healthy Housing
- » State Onsite Regulators Alliance and Captains of Industry
- » The Association of Pool and Spa Professionals
- » Uniformed Services Environmental Health Association
- » U.S. Department of Housing and Urban Development
- » U.S. Environmental Protection Agency

### Sponsors

#### Tier I

- » UL

#### Tier II

- » Decade Software Company, LLC
- » NSF International
- » Prometric
- » Skillsoft

#### Tier III

- » American Public University
- » HealthSpace USA, Inc.
- » National Restaurant Association

#### Tier IV

- » Food Marketing Institute
- » Orkin

#### Tier V

- » American Academy of Sanitarians
- » Gass Weber Mullins, Inc.
- » Mitchell Humphrey
- » Mycometer, Inc.
- » PerkinElmer
- » San Jamar
- » Sweeps Software, Inc.
- » YUM! Brands, Inc.

### Honorable Mention

- » American Academy of Sanitarians
- » Center for Environmental Research & Technology, Inc.

## POLICY INVOLVEMENT

As mentioned, a focused exploration into the facet of policy involvement took place at the 2013 AEC. Along with approximately 20% of the training and educational sessions covering the impacts of policy making and how it may affect environmental health around the country, the AEC's keynote presentation was dedicated to the exploration of policy involvement and decision making.

### Keynote

Washington, DC—home of policy and decision making. Who better to be the keynote speaker than Graham Allison, director of the Belfer Center for Science and International Affairs and Douglas Dillon Professor of Government at Harvard's John F. Kennedy School of Government? Dr. Allison has served as special advisor to the secretary of defense under President Reagan and as assistant secretary of defense for policy and plans under President Clinton, where he coordinated Department of Defense (DOD) strategy and policy towards Russia, Ukraine, and the other states of the former Soviet Union. He has the sole distinction of having twice been awarded the DOD's highest civilian award, the Distinguished Public Service Medal.

Dr. Allison's keynote presentation asked the question, "What do the Cuban Missile Crisis and environmental health have in common?" As the audience was to find out, these two disparate events have much in common. Dr. Allison began his presentation by reviewing the circumstances surrounding the 1962 Cuban Missile Crisis. His captivating talk highlighted some of the issues faced by President Kennedy and his advisors, and the ultimate decisions they made. He provided insights into the meetings, strategy, and thinking of this group as they worked to resolve the crisis. Dr. Allison also highlighted the circumstances that led to finding Osama Bin Laden in 2012. He connected both events with the decision-making process used by each president and his advisors.

He explained that life is clouded by uncertainty, including the decisions that we make each day. He elucidated that environmental health professionals deal with uncertainty when encountering a foodborne illness out-



Keynote speaker Dr. Graham Allison spoke to a packed room about decision making and how environmental health can strengthen its role in policy development.

break, environmental standards, or the release of some pathogen. He credited former U.S. Secretary of Defense Donald Rumsfeld with his epistemological identification of three distinct categories of uncertainty: knowns, known unknowns, and unknown unknowns. He used specific examples from the two historical events to highlight each category.

Prior to making decisions, he explained the importance of building data-gathering capability in advance in order to minimize the zone of uncertainty. While an expected value calculation may provide a path for a particular decision, one needs to understand that a logical decision may not result in a positive outcome; any political aspect of the decision may include blame.

He enlightened the audience by summarizing three principles to extract from the notion of uncertainty.

1. Review the capabilities available, even if there are only partial similarities with the existing issue.
2. Look for creative and inventive alternatives rather than settling for simplistic or quick options.
3. If possible, look for resources that have unique insights into the issue.

Extracting ideas from his book, *Essence of Decision: Explaining the Cuban Missile Crisis*, Dr. Allison explored complex decision making that occurs when the decision maker is not an individual, but an organization or government. He reviewed three different ways (or "lenses") through which analysts can examine events—the "Rational Actor" model, the "Organizational Behavior" model, and the "Government-



The Town Hall Assembly enabled attendees to learn about the state of the association and afforded them the opportunity to address the entire NEHA board of directors.

tal Politics" model—and then gave examples from the two events and recent sequestration to illustrate his points. He summarized his points with three observations about organizational decisions.

1. Recognize that an organization is a metaphor; in reality, it is a complexity of competing individuals and ideas, with compromise as a basis of decision making;
2. understand the organizational capability and constraints; and
3. manage the political process and its demands. The failure to do so is costly and perhaps catastrophic.

Environmental health professionals often encounter situations that require discerning known facts from uncertainty and making appropriate decisions in a timely manner. Dr. Allison's message spoke to the importance of managing the decision-making process, which can provide a reasonable outcome of an issue. He encouraged environmental health organizations to build capabilities in advance to shrink uncertainties and to begin thinking about the decision-making process and how to manage any political ramifications of those decisions.

### Board of Directors Meeting Highlights

NEHA's board of directors meets four times each year with one meeting always held at the AEC. Highlights from this year's board meeting include the following.

1. The resignation of David Ludwig as Region 2 vice president and the ascension of David Riggs to next year's second vice president

has created vice president vacancies for Region 1 and 2. Prior to the board meeting letters and e-mails were sent to voting members in each region seeking candidates to fill these vacancies. This process did not yield any candidates from Region 1 and only a single candidate from Region 2. The board decided to continue the search for candidates for both regions. (Note: In late July, the board appointed Marcy Barnett, REHS, as the vice president of Region 2.)

2. AEC guests: The AEC board meeting is the only meeting in which guests may address the board on various topics. This year the board welcomed guests from the Association of Environmental Health Academic Programs (AEHAP), National Center for Environmental Health (NCEH)/Agency for Toxic Substances and Disease Registry (ATSDR), State Onsite Regulators Alliance (SORA), and International Federation of Environmental Health (IFEH).

- AEHAP/Environmental Health Science and Protection Accreditation Council Executive Director Yalonda Sinde shared with the board enrollment and graduation rates of environmental health students at AEHAP-accredited schools. She indicated that environmental health enrollment is going up and that 20 programs are pursuing accreditation. She also shared that since 2004, a 124% increase in minority enrollment has occurred in environmental health programs. Finally, she indicated that over 40% of recent environmental health graduates find jobs with local or federal government, nearly 30% are employed by a private company or corporation, and an equal percentage (13%) find work in either an educational institution or a consulting firm.
- Dr. William Cibulas, senior advisor for public health, NCEH/ATSDR, Office of the Director, provided an overview of the restructuring of CDC and NCEH/ATSDR in light of the economic cutbacks and sequestration. He indicated that some of the current and emerging environmental health issues include hydraulic fracturing (fracking) and climate change and health issues. He outlined the Partnership Activities for the board, including an overview of the Frameworks Institute Project. One goal of this project is to develop communication strategies and tools to help build public awareness and support of environmental health.

- SORA Executive Director Jerry Iwan explained that SORA began because of the Clean Water Act. He explained that their conference, held at the AEC for the last four years, is the only forum for state regulators in the U.S. He stated that SORA's current focuses are community issues, decentralized wastewater technology, and sterilization of fresh water packages. He said SORA is looking forward to working with NEHA as a partner for another year in a productive relationship.
- Peter Davey, president of IFEH and professor at Griffith University in Australia, provided an overview of environmental health practice and projects in various countries. He explained that IFEH is doing work in the Pacific Region and Africa. He added that IFEH established a special student association and encouraged their participation during World Environmental Health Day. He stated that over 500 students participated. One issue IFEH faces is getting academic practitioners involved. He described specific environmental health issues in various countries including Malaysia, Korea, and Australia. He concluded his presentation by stating that he looks forward to building stronger relationships with NEHA in the future.

#### 3. AEC & Exhibition Topics

- Executive Director Nelson Fabian explained that the Washington, DC, AEC presented challenges for both attendees and presenters, since some individuals received clearance to attend only this week. He added that sequestration forced some potential attendees, who work and live in the Washington, DC, area, to cancel their registration because of federal travel restrictions.
- Fabian said that he is optimistic about the 2014 AEC in Las Vegas, Nevada, because of the location and because NEHA will host the IFEH Congress simultaneously, drawing approximately 200 attendees from around the world.

#### 4. International Matters

- The board reviewed information on the Canadian Institute of Public Health Inspectors (CIPHI) Centennial Meeting held in Winnipeg, Canada, and attended by NEHA's representative, Past President Mel Knight. Given the presentations and discussions related to IFEH and CIPHI, the board noted that similar environmental health issues exist worldwide.

- Second Vice President Bob Custard stated that the project of developing a sister program between NEHA affiliates and environmental health organizations in other countries is tied to NEHA's transition to its new association management software.

5. President Elect Alicia Enriquez Collins reported on the affiliate communication project. She explained that affiliates surveyed indicated an overwhelming preference to receive information via e-mail. She added that NEHA staff has developed an electronic form to allow affiliates to share information or to request assistance to an environmental health issue.

#### 6. Definition of Environmental Health

- Region 7 Vice President John Steward reported that NEHA received 306 responses to the corresponding survey. He noted that while there was high agreement that revising the definition was appropriate, there was a 50/50 split on whether the 1995 definition was suitable.
- The board adopted the proposed definition with the stipulation that the board would review the definition every five years.

## Town Hall Assembly

The Town Hall Assembly attendees were treated to breakfast, which was generously sponsored by the National Restaurant Association (NRA). NEHA President Brian Collins called the meeting to order and invited Vito Palazzolo from NRA to provide a welcome. President Collins then gave a report on the status of the association over the past year, which highlighted many of the activities NEHA has been engaged in, as well as future directions.

NEHA's election process and summary of the 2013 election were shared. The floor was then opened up to any nominations for NEHA's second vice president office. None were made and the four candidates who had submitted their paperwork to the NEHA office prior to the AEC were introduced and allowed to speak for five minutes. The candidates for second vice president are Stan Hazan, Adam London, Gary Noonan, and John Steward.

A special presentation from NEHA Managing Director Larry Marcum was given on the status of NEHA's grants, contracts, and government affairs program. The floor was then opened up to any member comments and President Collins closed the meeting by thanking all for attending.

## NETWORKING

### Exhibition

As the doors opened to the exhibition on night one of the AEC, attendee energy to learn of the new happenings within environmental health was high and electricity was in the air! The exhibition was the place to be and be seen with cameras flashing and microphones on—attendees had plenty of opportunities to shine.

During the exhibition, attendees also had the opportunity to network with old friends and build new alliances. It provided a forum for exhibitors to offer their products, services, and knowledge to help environmental health professionals and their organizations to continue to improve their programs and operations.

The Poster Session was also held in the exhibition. Attendees had access to over 30 poster presentations that covered a broad spectrum of environmental health topics.



*AEC attendees were able to talk one-on-one with a wide variety of exhibitors, learning more about the products and services available that are extremely important to their jobs.*

Thanks to our door prize sponsors, drawings for Best Buy, Visa, and Amazon gift cards were awarded to some lucky attendees during the exhibition. Scholarships were also presented by Decade Software Company, LLC, and NEHA to the deserving recipients, which



contributed to the buoyant atmosphere in the exhibition. It seemed that no matter the purpose attendees had for visiting the exhibition, fun was had by all!

A list of all 2013 AEC Exhibitors can be found on page 87.

### Silent Auction

This year's Silent Auction was another success! Forty-five items made their way to the tables from our very generous NEHA members, affiliates, exhibitors, and sponsors. The \$4,041.68 that was raised from this event will go to NEHA's 2014 AEC speaker fund. A sampling of this year's items included the following.

- Monopoly game—premier edition
- Gift cards for Best Buy and Bass Pro, plus a Bass Pro t-shirt
- Gift baskets from Connecticut, Oklahoma, and Texas
- Wine/spirits baskets from North Carolina and Colorado
- Three "Minnesota Grown" cookbooks, dish towel, and playing cards
- Framed black and white photo of Nashville/Brown County in Indiana
- Scottsbluff National Monument print and Visa card
- Two London Olympic coins and book, *The Stuff of Life*
- Two New England Patriots t-shirts
- Red Sox hat and two Fenway Park signs
- Pendleton wool notepad
- Photo meter system

Perhaps the most interesting items were the two South African photo safari packages for two at Zulu Nyala Game Lodge, which ended up receiving the highest bids. NEHA and NEHA staff also donated Silent Auction items. NEHA donated NEHA shirts, two NEHA logo embossed portfolios, a NEHA 2014 AEC full-conference registration, and a four-night stay at the 2014 AEC hotel—The Cosmopolitan of Las Vegas. A NEHA staff person also contributed the premier edition Monopoly game. In addition, 13 pieces of fashion jewelry were donated by NEHA staff and its board of directors during a Silent Auction fundraiser held in the Denver office in April. NEHA received several free pieces when staff and board members purchased jewelry from a catalog. Thanks again to the staff and board! This is becoming a NEHA tradition. The total amount received from the Silent Auction for the jewelry was \$386.

NEHA thanks the generous donors and attendees who helped to make this year's Silent Auction a success! And a big thanks to our Silent Auction volunteers Robert Uhrig and Ellen Schroth.



*With the clock ticking down to get the highest bid in, attendees swarm the Silent Auction tables to ensure they win the item they've had their eyes on!*

### Silent Auction Donors

NEHA affiliates: Colorado, Connecticut, Indiana, Iowa, Minnesota, Missouri, Nebraska, Oklahoma, and Texas.

Carolyn Harvey	Oklahoma Society of Environmental Professionals
Industrial Test Systems	Terry Osner
Mel Knight	Shat-R-Shield
Roy Kroeger	James Speckhart
Pat Maloney	John Steward
NEHA board of directors and staff	Peter Wright

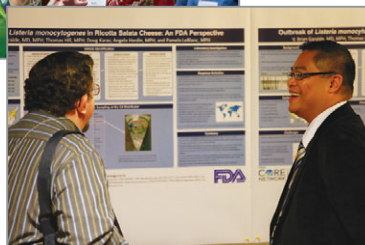
NETWORKING



During the President's Banquet, incoming NEHA President Alicia Enriquez Collins (left) presents Immediate Past President Brian Collins (right) with his past president pin, while he passes on to her the presidential gavel of the association.



The AEC was packed with many opportunities to network with fellow attendees—be it at the Ice Breaker, Networking Luncheon, Exhibition, the various meetings, or in the hotel hallways.



Annual UL Event



All aboard for a river adventure! The weather could not have been more perfect with a cool summer breeze as attendees sailed down the Potomac River on the Nina's Dandy. The setting was very relaxing and attendees were treated to a special night at the Annual UL Event. Attendees enjoyed an incredible meal while listening to jazz being played on the piano. Then they ventured to the upper deck of the ship to see sights like the Washington Monument lit up with beautiful lights! The great food, weather, and company combined to create a magical evening, and the Annual UL Event set the tone for a wonderful NEHA conference!



NEHA 2013 AEC photos by Joe Deats Photography.



## MOTIVATION *and* INSPIRATION

### Awards & Honors

#### Walter S. Mangold Award

NEHA's highest honor, the Walter S. Mangold Award—given for outstanding contributions to the advancement of the environmental health profession—was presented this year to CAPT Michael Herring. Please see the accompanying story on page 84, which details CAPT Herring's distinguished career and contributions to the profession.

#### Walter F. Snyder Award

NSF International and NEHA honored Vincent J. Radke with the 2013 Walter F. Snyder Award. This award is given in honor of NSF's cofounder and first executive director, and it recognizes outstanding contributions to public health and the environment. Please see the accompanying story on page 85, which details Radke's career and contributions to the profession.

#### A. Harry Bliss Editor's Award

Dr. A. Harry Bliss was editor of the *Journal of Environmental Health* in 1969, the year this award was first presented. When he retired, the award was named after him to honor his 40 years of involvement in *Journal* production. NEHA often gives this annual award to outstanding writers and columnists, but the award may also go to individuals who, through other significant contributions made to the *Journal*, advance the cause and interests of both the association and the profession.

This year, NEHA is delighted to announce that the 2013 recipient of the A. Harry Bliss Award is Marler Clark, LLP, PS. Marler Clark is a Seattle-based law firm that is nationally known for its practice in the field of food safety. The lawyers of Marler Clark have been responsible for providing valuable legal information that is published in the *Journal* through the Legal Briefs column.

#### Educational Contribution Award

NEHA's board of directors established this new award to recognize NEHA members, teams, or organizations for an outstanding contribution within the field of environmental health. NEHA is providing this pathway for its members and their agencies to share creative educational methods and tools used across



NEHA Executive Director Nelson Fabian (left) and NSF President and CEO Kevan Lawlor (middle) present Vince Radke (right) with the 2013 Walter F. Snyder Award.

the country and around the world to educate one another and the public about environmental health.

NEHA was pleased to name CAPT Mark Miller and Martin Kalis as the first recipients of this award. CAPT Miller and Kalis work within the Centers for Disease Control and Prevention/National Center of Environmental Health's (CDC/NCEH's) Environmental Health Services Branch and collaborated with federal, state, and local health and environmental health partners to develop the comprehensive Environmental Health Training in Emergency Response (EHTER) program. Thousands of environmental health professionals from all 50 states, two territories, and the District of Columbia have completed EHTER trainings.

#### Environmental Health Innovation Award

This newly created NEHA award is presented to a NEHA member or organization who has created a new idea, practice, or product that has had a positive impact on improving environmental health services or quality of life. This award also encourages other environmental health professionals to search for creative solutions to challenges.

NEHA was pleased to name Eco-Health Child Care® (EHCC) as the first recipient of this award. EHCC provides basic concepts and practical steps for healthier environments to child care providers. It has endorsed more than 2,000 child care facilities, protecting more than 70,000 children. These children benefit from environmental health best prac-



Nesdu Witherspoon (left) from the Eco-Health Child Care® program was named the first recipient of one of NEHA's newest awards, the Environmental Health Innovation Award, which was presented to her by NEHA President Brian Collins (right).

tices that support their health, development, and ability to learn. EHCC also informs parents about environmental health practices that can be adopted at home to protect children.

#### Excellence in Sustainability Award

NEHA's Excellence in Sustainability Award recognizes organizations, businesses, associations, and individuals who are solving environmental challenges by using innovative and environmentally sustainable practices. The award represents the importance of supporting meaningful sustainability efforts to ensure a safe and healthy environment for present and future generations. UL generously sponsors this award through a \$1,000 honorarium and award memento.

The sustainability committee selected the Johnson County Wastewater Department (Kansas) as the winner of the 2013 Excellence in Sustainability Award for its Co-Generation Project 2013 implemented at a local wastewater treatment plant. Through the project, the treatment plant now processes 14.5 million gallons of wastewater per day. Other benefits of the project include local power generation, carbon footprint reduction, and reduced travel from waste and sludge hauling. The project will turn biosolids produced during wastewater treatment and from local restaurants (e.g., used cooking oil and grease) into enough electricity to power a wastewater treatment plant capable of treating waste streams from almost 150,000 people.



Staff from Hamilton County Public Health, winners of this year's Samuel J. Crumbine Consumer Protection Award, proudly display their award plaques after the AEC Awards Ceremony.



CAPT Mark Miller accepts NEHA's newly created Educational Contribution Award on behalf of his colleague Martin Kalis and himself.



UL and NEHA representatives pose with staff from Johnson County's Wastewater Department, the recipient of the 2013 Excellence in Sustainability Award.

### Sabbatical Exchange Award

NEHA offers a wide-ranging opportunity for professional growth and the exchange of valuable information on the international level through its longtime Sabbatical Exchange Program. The recipient of this award may go either to England, in cooperation with the Chartered Institutes of Environmental Health, or to Canada, in cooperation with the Canadian Institute of Public Health Inspectors. Underwriters Laboratories, Inc. (UL) currently sponsors the sabbatical.

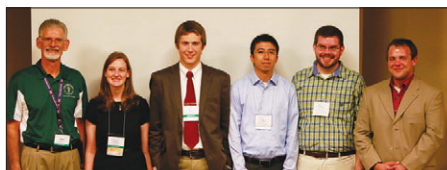
The award jury this year decided that the sabbatical award should be given to F. Charles Hart, who is an associate professor in environmental health at Kent State University. Dr. Hart will be conducting his sabbatical in Canada. He will study undergraduate environmental health science education and competency development at Canadian universities and their relevance for program development in the U.S.

### NEHA/AAS Scholarship Awards

NEHA supports students in many ways. One way involves financial tuition support through a special scholarship program that is cosponsored by NEHA and the American Academy of Sanitarians (AAS). A special scholarship committee chaired by NEHA Past President Jim Balsamo manages the scholarship program. The following scholarships were presented on behalf of the committee:

- \$2,500 graduate scholarship to Na'Taki Osborne-Jelks from Georgia State University Public Health
- \$1,500 undergraduate scholarship to Raquel M. Sandoval from Boise State University
- \$1,500 undergraduate scholarship to Amanda H. Mellen from Eastern Kentucky University
- \$1,500 undergraduate scholarship to Rosalie M. Peterson from Dickinson State University

### Student Research Presentations



Every year, the Association of Environmental Health Academic Programs (AEHAP) and CDC/NCEH sponsor and financially support undergraduate and graduate student research presentations. Thanks to a generous donation from NCEH, six students and their faculty mentors had the opportunity to present their research at the AEC. Presenting the student research awards was LT Jasen Kunz of the U.S. Public Health Service/CDC/NCEH and Dr. David Gilkey from Colorado State University. Each student participant listed below received a \$500 award, a plaque, and a stipend of up to \$1,000 to cover travel and research expenses.

#### Detection of Pharmaceuticals and Other Personal Care Products in Groundwater Beneath and Adjacent to Onsite Wastewater Treatment Systems

*Katie Lynn Del Rosario, Graduate Student, East Carolina University, Greenville, NC*  
Faculty Mentor: Charles Humphrey, PhD

#### Tennessee Occupational Safety and Health Indicators

*Claude Christopher Green, Graduate Student, East Tennessee State University, Johnson City, TN*  
Faculty Mentor: Ken Silver, DSc

#### Sub Threshold Doses of Cadmium and Arsenite Combine to Produce Neural Tube Defects in C57Bl/6J Mice: Impact of Splotch Allele

*Frederick Huynh, Graduate Student, California State University, Northridge, CA*  
Faculty Mentor: Thomas Hatfield, DrPH, REHS

### Comparative Probabilistic Hazard Assessment of *in vitro* Estrogen Agonist Activity

*David A. Dreier, Undergraduate Student, Baylor University, Waco, TX*  
Faculty Mentor: Bryan Brooks, MS, PhD

### Heavy Metal Concentrations in Hair as Predictors of Health Outcomes

*Jared Ryan, Undergraduate Student, University of Wisconsin, Eau Claire, WI*  
Faculty Mentor: Crispin Pierce, PhD

### NSF International Scholarship

AEHAP, in partnership with NSF International, offers a paid internship project to students from National Environmental Health Science and Protection Accreditation Council-accredited programs. The NSF International Scholarship program is a great opportunity for an undergraduate student to gain valuable experience in the environmental health field. The NSF Scholar was selected by AEHAP and spent 8–10 weeks in 2013 working on a research project identified by NSF International. The recipient also received a \$3,500 stipend to support their research. This year's winner was Mykael Lindsay Nagy, an undergraduate student from Missouri Southern State University. Nagy's research was titled "Updated NSF Survey for Food Code Adoption" with mentoring from Michael Fletcher, MS.

### Samuel J. Crumbine Consumer Protection Award

The Samuel J. Crumbine Award is a prestigious national award given annually to a local food protection agency that demonstrates excellence and continual improvement in a food protection program. The award is named in honor of Dr. Samuel J. Crumbine, a sanitarian, physician, and public health pioneer who was renowned for his innovative methods of improving public health protection.

*continued on page 86*



## 2013 Mangold Award Recipient

**CAPT Michael E. Herring, MPH, REHS, United States Public Health Service**

**N** EHA is proud to present the 2013 Walter S. Mangold Award, its highest honor, to Captain Michael E. Herring, MPH, REHS.

CAPT Herring has exhibited the highest levels of dedication, leadership, professionalism, and expertise that mark all aspects of his environmental health career spanning over three decades. He earned his BS degree in environmental health in 1980 from East Carolina University (ECU) under the mentoring guidance of Dr. Trenton G. Davis (1985 Mangold winner) and Dr. F. Oris Blackwell (1989 Mangold winner).

After graduating from ECU, CAPT Herring began his professional career in 1980 as a sanitarian with the Durham County Health Department in North Carolina. As a result of his hard work and leadership potential, CAPT Herring was promoted to environmental health supervisor in 1983. At the age of 24, he was the youngest environmental health supervisor in North Carolina and was running one of the most advanced environmental health programs in the state. In 1986, he was selected as Sanitarian of the Year for the North Central Environmental Health District of North Carolina. While at Durham County, he served in numerous leadership roles in district and state public health and environmental health associations and was regularly called upon to lead important environmental health initiatives impacting the health of North Carolina citizens.

In the fall of 1988, CAPT Herring accepted a commission as an environmental health officer with the U.S. Public Health Service (USPHS) and departed for his first assignment in Fairbanks, Alaska. He served as chief of the Office of Environmental Health for the Tanana Chief Conference, Inc., and district environmental health specialist for the Interior Alaska Service Unit and North Slope Service Unit, which provided health care and other services to 50 Alaska Native villages. At the end of his four-year tenure in Alaska, his program had nearly tripled in size and was providing higher quality and quantity of services than ever before. CAPT Herring was selected as the Environmental Health Specialist of the Year for the Alaska Area Native Health Service in 1989. He took on a leadership role in reestablishing the Alaska Environmental Health Association (AEHA) and was elected AEHA president in 1991.

CAPT Herring earned an MPH degree from the University of Texas Health Science Center at Houston (San Antonio campus) in 1993. After graduation, he was assigned to a dual position with the Environmental Management Branch of Indian Health Service (IHS) Headquarters West and the Albuquerque Area Office of IHS in Albuquerque, New Mexico. He led the efforts for a major revision of the IHS *Handbook of Environmental Health*, a detailed technical guide for IHS environmental health professionals that is used by other federal agencies and organizations. He served as coordinator of the Centers for Disease Control and Prevention (CDC)/IHS Longitudinal Study of Hantavirus in the Desert Southwest for the Albuquerque Area of IHS. CAPT Herring led a team that conducted monthly field studies of rodents in a tribal region of New Mexico that had been impacted by a deadly hantavirus outbreak. The study provided critical information that enhanced our current understanding of hantavirus and the role of rodents as vectors of hantavirus.

In 1995, CAPT Herring reported to the U.S. Coast Guard Support Center in Elizabeth City, North Carolina, to serve as chief of the Environmental Compliance Division. He was responsible for management of the largest environmental compliance program in the U.S. Coast Guard. His efforts elevated the status of the Support Center to one of the nation's pioneer sites for the development of new hazardous waste site remediation technologies. His program received numerous prestigious national and state environmental awards during his tenure including two White House Closing the Circle Awards, two North Carolina Governor's Awards for Excellence in Waste Reduction, four Coast Guard National Pollution Prevention Awards, and the Department of Transportation Environmental Excellence Award.

In December 2001, CAPT Herring accepted a position as a senior environmental health scientist at CDC's National Center for Environmental Health (NCEH) within the newly created Environmental Health Services Branch (EHSB). His work at CDC has resulted in numerous advancements and programs for the profession. He served as the EHSB lead for all workforce development activities. CAPT Herring worked closely with the Association of Environmental Health Academic Programs to increase enrollment, graduation rates, diversity, and the number of accredited environmental health academic programs throughout the U.S. He led the development of CDC's Summer Undergraduate Program in Environmental Health and formed the Uniformed Services Environmental Public Health Careers Work Group. While at CDC, he also served as chair of the USPHS Environmental Health Officer Professional Advisory Committee and was president of the Uniformed Services Environmental Health Association.

CAPT Herring currently serves as innovation team leader for EHSB and is the lead subject-matter expert on vector control and integrated pest management (IPM) at NCEH. He has done extraordinary work promoting the science and principles of IPM to health professionals throughout the U.S. and abroad. He led the development of the greatly successful course, "Biology and Control of Vectors and Public Health Pests: The Importance of Integrated Pest Management." He also played important roles in the development of CDC's Environmental Health Training in Emergency Response course, the Environmental Public Health Leadership Institute, and the Environmental Public Health Online Courses.

During the course of his career, CAPT Herring has received numerous awards from multiple federal agencies along with national and state associations and academia. He is one of the most highly decorated environmental health officers in USPHS. Although CAPT Herring's career achievements have left a legacy of which he can be proud, his greatest source of pride by far is in his family—his lovely wife Katie and his four children, Jaron, Callie, Trent, and Jeremy.

When asked about his career, CAPT Herring stated, "Surrounding yourself with good people is one of the keys to being successful in whatever you do. I've been very blessed to be in the right place at the right time working with many exceptional people." It is a certainty that many environmental health professionals who have had the privilege of working with CAPT Herring feel exactly the same.

RADM Webster Young, Jr., MPH, RS, DEAAS (Ret.), writes, "CAPT Herring maintains the highest ethical and professional standards in all of his activities such that he serves as a role model for all with whom he interacts."

CAPT Richard Gelting, PhD, PE (2013 Federal Engineer of the Year), writes, "CAPT Herring is the best environmental health professional that I have ever worked with or known. His span of expertise and knowledge across all environmental health issues is truly impressive."

Robert M. Corrigan, PhD, writes, "I consider Mike Herring one of my mentors in my own professional development. Each and every time I have the opportunity to work with him, I discover that I too am inspired to reach higher. I feel a new drive, a want, to do more for others."

Thus, it is a privilege and an honor for NEHA to present this award to CAPT Michael E. Herring, a professional who exemplifies the philosophy, ethics, and dedication expressed through the life of the late Walter S. Mangold.



## 2013 Walter F. Snyder Award Recipient

**Vincent J. Radke, MPH, RS, CP-FS, DAAS, CPH**

**N**SF International and NEHA presented the prestigious Walter F. Snyder Award to Vincent J. Radke, MPH, RS, CP-FS, DAAS, CPH, at the 2013 AEC in Washington, DC. The award, given in honor of NSF International's cofounder and first executive director Walter F. Snyder, is presented annually in recognition of outstanding contributions to the advancement of environmental health.

Radke is being honored for 43 years of distinguished environmental and public health service in enhancing the lives of people worldwide through leadership, dedication, service, and a commitment to fostering collaboration.

In the 1970s, Radke was instrumental in helping to eradicate smallpox. As a surveillance and assessment officer with the U.S. Peace Corps in 1970, he worked with the Ethiopian government; tribal chiefs; and school, health clinic, and church staff to combat smallpox and establish cholera and tuberculosis immunization programs. The World Health Organization (WHO) requested Radke to assist with the eradication of smallpox in Bangladesh in 1975 and to document that smallpox had been eradicated from Kenya in 1977. For his work, he was awarded the Order of the Bifurcated Needle by WHO's director general.

In the 1980s through early 1990s, Radke held several environmental health positions. As director of environmental health in Stamford, Connecticut, he ran programs in water, sewage disposal systems, food services, noise control, and air pollution. At the Virginia Department of Health, he provided sanitation and inspection services for water supplies, food service establishments, swimming pools, daycare centers, pet shops, and nursing homes. For his work responding to a cyclosporiasis outbreak related to pesto sauce, he and his colleagues at the Alexandria Health Department received the Washington, DC, Counsel of Government Award for Meritorious Service.

Radke was instrumental in establishing the Food and Drug Administration's model *Food Code* in northern Virginia in the mid-1990s, for which he received two annual Jerrold M. Michael awards from the National Capital Area Environmental Health Association. He also helped to set up the model *Food Code* for the state of Virginia.

In 2000 at the Institute for Environmental Assessment, Radke developed health, safety, and injury reduction programs for school districts in Minnesota. He established school safety committees and implemented environmental

compliance training for school employees in food safety, bloodborne pathogens, chemical hygiene standards, and laboratory safety.

In 2001, the Environmental Health Services Branch (EHSB) of the Centers for Disease Control and Prevention (CDC) hired Radke as a lead sanitarian to enhance food safety and security domestically and globally. He organized and led collaborative food safety activities within the CDC and with the National Center for Environmental Health and the National Center for Infectious Diseases, across many public health disciplines (epidemiology, behavioral science, laboratory, and environmental health). He also led studies to identify environmental antecedents associated with foodborne illness, which required coordination between federal, state, and local agencies.

Radke helped develop the Environmental Health Specialist Network (EHS-Net), a collaborative forum of environmental health specialists to improve the practice of environmental health nationally. As coleader of the EHSB innovation team, he has ushered the development of numerous national public health programs to raise the awareness of public health professionals on emerging environmental health issues and to improve the practice of the environmental health sciences.

Radke served as a mentor in the Environmental Public Health Leadership Institute, working with environmental health leaders from federal, state, local, and tribal agencies across the U.S. His expertise was sought by the Office of U.S. Foreign Disaster Assistance to assess water and sanitation systems following natural disasters in the Pacific Islands and the Philippines, and he has been a first responder in many hurricanes in the U.S.

Radke has served as president of two NEHA affiliates—the National Capital Area Environmental Health Association and the Virginia Environmental Health Association. He is a NEHA technical advisor in disaster and emergency response and a board member of the American Academy of Sanitarians. He has served as a council member on the National Environmental Health Science and Professional Accreditation Council, reviewing and accrediting courses of study in environmental health at undergraduate and graduate levels.

"Vince Radke's career achievements reflect the principles expressed by Walter F. Snyder and the public health mission of NSF International," said Kevan P. Lawlor, NSF International president and CEO. "His service as a public health advocate, as well as a leader and a mentor, demonstrate his strong commitment to the promotion of public and environmental health. He inspires collaboration between agencies and people at all levels, and has helped establish many programs that have made a lasting global impact. These accomplishments make him an exceptionally worthy recipient of the Walter F. Snyder Award."

"Vince Radke is a respected leader in the environmental health field worldwide. He is highly regarded and respected due to his tireless service as well as his ability to encourage collaboration and drive change. Vince is an exceptional human health professional, as well as an inspiring human being. He deserves the Walter F. Snyder Award," said Nelson Fabian, executive director and CEO of NEHA.

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*continued from page 83*

It is supported by the Conference for Food Protection in cooperation with the American Academy of Sanitarians; the American Public Health Association; the Association of Food & Drug Officials; the Foodservice Packaging Institute, Inc.; the International Association for Food Protection; the National Association of County and City Health Officials; the National Restaurant Association Solutions; NEHA; NSF; and UL.

Hamilton County Public Health (HCPH), Cincinnati, Ohio, was named as the 2013 Crumbine winner. HCPH's innovative consumer protection program that utilizes an electronic format for inspections and data report generation that are used as management tools. Additionally, the selection jury was impressed with HCPH's mantra of "education over enforcement" which drives performance and was consistent throughout their submittal documents. This is the second time HCPH has been honored with the award; their first award was given exactly 50 years ago. The award-winning application can be found online at [www.crumbineaward.com](http://www.crumbineaward.com).

### Dr. Neil Lowry Memorial Award

The Dr. Neil Lowry Memorial Award honors and recognizes public health officials who have made outstanding contributions to advance the public's healthy and safe use of recreational water. The award is given by the Association of Pool & Spa Professionals (APSP) in memory of Dr. Lowry, a longtime member of APSP, who influenced the pool and spa industry for over 25 years as a consultant to government and private industry. This year's award was presented to Florida Department of Health's Brevard County Environmental Health Services Department.

### Past Presidents Award

Each year, the Past Presidents group, comprised of former NEHA presidents, identifies a hero from the profession who accomplishes much on behalf of environmental health, but who does a lot of work behind the scenes. This year, the presidents identified two long-time NEHA members who have made enormous contributions to our field of practice. They were happy to publicly recognize Martin Kalis and Vincent Radke from CDC/NCEH's Environmental Health Services Branch.

### Presidential Citations

A Presidential Citation is a special award given to individuals who have made exemplary contributions to NEHA during the president's term of office. President Brian Collins presented Presidential Citations to the following individuals.

Debbie Bankston	Rebecca Morley
Debra Collins	Yolanda Anita Sanchez
Gabrielle Collins	Tony Smithson
Bob Custard	John Steward
Scott Holmes	Felix Zemel
Mel Knight	The entire NEHA staff
John Marcello	

### Certificates of Merit

Certificates of Merit are awarded to affiliate members who make exemplary contributions to the environmental health profession. Each affiliate selects winners based upon its own criteria for recognition. For 2013, the following winners were announced.

- Colorado—James Dale
- Illinois—Wil Hayes
- Indiana—Mike Mettler
- Iowa—Tammy McKeever
- Jamaica—Leroy L. Walters
- Louisiana—Jefferson Purnell Jackson
- Massachusetts—Jennifer Tsoi
- Michigan—Dana DeBruyn
- Minnesota—Lynn Moore
- Missouri—Ainsley Lackey
- National Capitol Area—Marion Allen
- Nebraska—Doug Clark
- Oklahoma—Loree L. Boyanton
- Texas—Anthony E. Bennett
- Uniformed Services—CPT Sean Beeman
- Virginia—Agnes Fleming
- Wisconsin—Brian Hobbs
- Wyoming—Sara Geffre

### Decade Scholarship Awards

Each year, Decade Software Company gives away 15 scholarships to environmental health professionals who might not otherwise be able to attend the AEC. A panel of Decade Software executives along with executives and elected officials of NEHA scored the short-essay responses of the applicants. The essay provided an opportunity for applicants to express their innovative ideas for the industry. Fifteen applicants received a \$700 scholarship. This year's scholarship winners are listed below.

Patrice Barrett	Robert Mancini
Jerry Bingham	Eric Myers
Lauren Brinker	Agustina Lopez
Kimberly Burgess	Novillo
Amanda Echler	Denisha Porter
Stephanie Gorman	Emily Sjostrom
Larry Johnson	Rachel Stradling
Christy Kuriatnyk	Robert Washam

### NEHA AEC Scholarship Awards

NEHA provided a total of 24 AEC scholarships—19 full conference registration scholarships plus \$400 travel stipends and five registration-only scholarships to those living/working in the Washington, DC, area. These scholarships were available to NEHA members working within the field of environmental health. Besides meeting basic qualifications, applicants were asked to explain why they were in need of these scholarships, as well as how they would benefit from attending the AEC. Congratulations to the scholarship recipients listed below.

Tiffany Breger	Ann Jackson
Veronica Bryant	Temesgen Jemaneh
Elizabeth Archer	Chris Klawuhn
Campbell	Yvonne Liang
Angela Dyjack	Jennifer Light
Frances Gelder	Mellody Liples
Karen Gregory	Katherine Merten
Bryan Hare	Rosalia Petersen
Sandy Heinen	Cyndi Tereszkiwicz
Kyle Hobson	Susan Thweatt
Michele Howard	Gratiela Vasilica
Deborah Hoy	Maureen Wentzel
Sandra Cooke Hulbert	

### Student AEC Scholarship Awards

NEHA received donations through its Student AEC Scholarship Fund to provide two students with student registrations and \$400 travel stipends to attend the AEC. About \$1,200 was donated this year to the fund, and \$1,000 has already been donated for the 2014 AEC—so the 2014 AEC is off to a great start for students! Congratulations to the recipients and thank you to all of the donors!

#### *Scholarship Recipients*

Meghan Card  
Shika Southall

#### *Scholarship Donors*

American Academy of Sanitarians  
Terry Osner  
Welford Roberts  
LCDR James M. Speckhart  
John Steward



*The recipients of the 2013 Decade Scholarship Awards.*

## Exhibitors

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[www.abtechindustries.com](http://www.abtechindustries.com)

**Advanced Drainage Systems, Inc.**

[www.ads-pipe.com](http://www.ads-pipe.com)

**American Academy of Sanitarians (AAS)**

[www.sanitarians.org](http://www.sanitarians.org)

**American Chemistry Council**

[www.americanchemistry.com](http://www.americanchemistry.com)

**American Public University**

[www.studyatapu.com](http://www.studyatapu.com)

**Anua**

[www.anua-us.com](http://www.anua-us.com)

**Association of Environmental Health Academic Programs**

[www.aehap.org](http://www.aehap.org)

**Association of Food and Drug Officials**

[www.afdo.org](http://www.afdo.org)

**Association of Professional Piercers**

[www.safepiercing.org](http://www.safepiercing.org)

**Cambro**

[www.cambro.com](http://www.cambro.com)

**CDC, Environmental Public Health Tracking**

[www.cdc.gov/nceh/tracking](http://www.cdc.gov/nceh/tracking)

**CDP, Inc.**

[www.cdpehs.com](http://www.cdpehs.com)

**Clarke**

[www.clarke.com](http://www.clarke.com)

**Decade Software Company, LLC**

[www.decadesoftware.com](http://www.decadesoftware.com)

**Digital Health Department, Inc.**

[www.digitalhealthdepartment.com](http://www.digitalhealthdepartment.com)

**Ecolab ActiveView HDI**

[laurie.savino@ecolab.com](mailto:laurie.savino@ecolab.com)

**Eljen Corporation**

[www.eljen.com](http://www.eljen.com)

**FDA/Center for Food Safety and Applied Nutrition**

[www.fda.hhs.gov](http://www.fda.hhs.gov)

**Global Food Protection Institute**

[www.gfpi.org](http://www.gfpi.org)

**HealthSpace USA, Inc.**

[www.healthspace.com](http://www.healthspace.com)

**Hoot Systems, LLC**

[www.hootsystems.com](http://www.hootsystems.com)

**HUD, Office of Healthy Homes**

[www.hud.gov/healthyhomes](http://www.hud.gov/healthyhomes)

**Industrial Test Systems, Inc.**

[www.sensafe.com](http://www.sensafe.com)

**Inspect2Go**

[www.inspect2go.com](http://www.inspect2go.com)

**InspekPro, LLC**

[www.inspekpro.com](http://www.inspekpro.com)

**International City/County Management Association**

[www.icma.org](http://www.icma.org)

**International Federation of Environmental Health**

[www.ifeh.org](http://www.ifeh.org)

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[www.mitchellhumphrey.com](http://www.mitchellhumphrey.com)

**Mycometer**

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**National Center for Healthy Housing**

[www.nchh.org](http://www.nchh.org)

**National Environmental Health Association**

[www.neha.org](http://www.neha.org)

**National Library of Medicine**

[www.nlm.nih.gov](http://www.nlm.nih.gov)

**National Restaurant Association**

[www.restaurant.org](http://www.restaurant.org)

**National Swimming Pool Foundation**

[www.nspf.org](http://www.nspf.org)

**NEHA Food Safety Training**

[www.nehatraining.org](http://www.nehatraining.org)

**NSF International**

[www.nsf.org](http://www.nsf.org)

**Olympus NDT**

[www.olympus-ims.com](http://www.olympus-ims.com)

**Ozark River Portable Sinks**

[www.ozarkriver.com](http://www.ozarkriver.com)

**Paster Training, Inc.**

[www.pastertraining.com](http://www.pastertraining.com)

**Pennsylvania Environmental Public Health Tracking**

[www.epht.pa.gov](http://www.epht.pa.gov)

**PerkinElmer, Inc.**

[www.perkinelmer.com](http://www.perkinelmer.com)

**Presby Environmental, Inc.**

[www.presbyenvironmental.com](http://www.presbyenvironmental.com)

**Project Energy Savers**

[www.projectenergysavers.com](http://www.projectenergysavers.com)

**Prometric**

[www.prometric.com](http://www.prometric.com)

**Qleeno**

[www.qleenousa.com](http://www.qleenousa.com)

**Restoro Polish Company**

[restoro@consolidated.net](mailto:restoro@consolidated.net)

**RMSYS**

**Rural Community Assistance Partnership**

**Salcor**

[jscruver@aol.com](mailto:jscruver@aol.com)

**San Jamar**

[www.sanjamar.com](http://www.sanjamar.com)

**Shat-R-Shield, Inc.**

[www.shatrshield.com](http://www.shatrshield.com)

**Skillssoft**

[www.skillssoft.com](http://www.skillssoft.com)

**StateFoodSafety.com™**

[www.statefoodsafety.com](http://www.statefoodsafety.com)

**State Onsite Regulators Alliance and Captains of Industry® (SORA/COI)**

[www.nesc.wvu.edu/sora](http://www.nesc.wvu.edu/sora)

**Sweeps Software, Inc.**

[www.sweepsoftware.com](http://www.sweepsoftware.com)

**The University of Findlay**

[www.findlay.edu](http://www.findlay.edu)

**ThermoWorks**

[www.thermoworks.com](http://www.thermoworks.com)

**TrackAssist-Online**

[www.yaharasoftware.com](http://www.yaharasoftware.com)

**UL**

[www.ul.com](http://www.ul.com)

**University of Nebraska Medical Center,**

**College of Public Health**

[www.unmc.edu/publichealth](http://www.unmc.edu/publichealth)

**U.S. EPA, Indoor Environments**

[www.epa.gov/iaq](http://www.epa.gov/iaq)

**U.S. EPA, Memorandum of Understanding Coalition**

**U.S. EPA, Office of Wastewater Management**

**U.S. Navy Recruiting Command**

[www.navy.com](http://www.navy.com)

**Walden University**

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