



HAZ-MATTERS

Kentuckiana Chapter of Hazardous Materials Managers' Newsletter

January 2019

2018 Year in Review!

It was my pleasure to serve as President of KCHMM during 2018. Our chapter was formed in 1991 and is still active and growing in the greater Louisville and Southern Indiana community. We are dedicated to cultivating, promoting and sustaining the profession of hazardous materials management. We offer our members the opportunity to socialize and network with other environmental health and safety professionals; participate in continuing education with our technical programming and training classes; and the option to join other members in community outreach activities sponsored by the chapter.

During 2018 our programs and social events committees arranged great activities including technical presentations, a river cruise, and a field trip to LG&E's Cane Run Generating Station. As president, my focus during 2018 was effective governance. The BOD reviewed our legal obligations, formulated a governance calendar, implemented a few basic policies, and planned for a financial review and annual budget. Each of these helps insure a healthy future for the Chapter. The BOD has also committed to strengthen our credential promotion efforts and recruiting of young members.

I would like to give special thanks to those who volunteered during 2018 and those who continue to volunteer for our chapter. Our ongoing success is truly a group effort, and each member brings unique talents and connections. We always have room for more volunteers, so feel welcome to reach out to me with your ideas and join in our planning meetings. One of the simplest ways to help the Chapter is to invite a colleague to a meeting! We always welcome interested guests.

Thank you also to all of our corporate sponsors—it is through their generous donations that we are able to provide our members with many opportunities. Please visit our website for additional information about the Kentuckiana Chapter (<http://www.kchmm.org>).

Welcome to our new 2019 leadership team led by Carla Givens, P. E., of BAE Systems, Inc. I have every confidence that 2019 will bring continued success for our group. Thank you all for your support and a great 2018.

Sincerely,

Patricia Mason, P.E., Smith Management Group
President /2018 KCHMM Chapter
PattyM@smithmanage.com

In This Issue

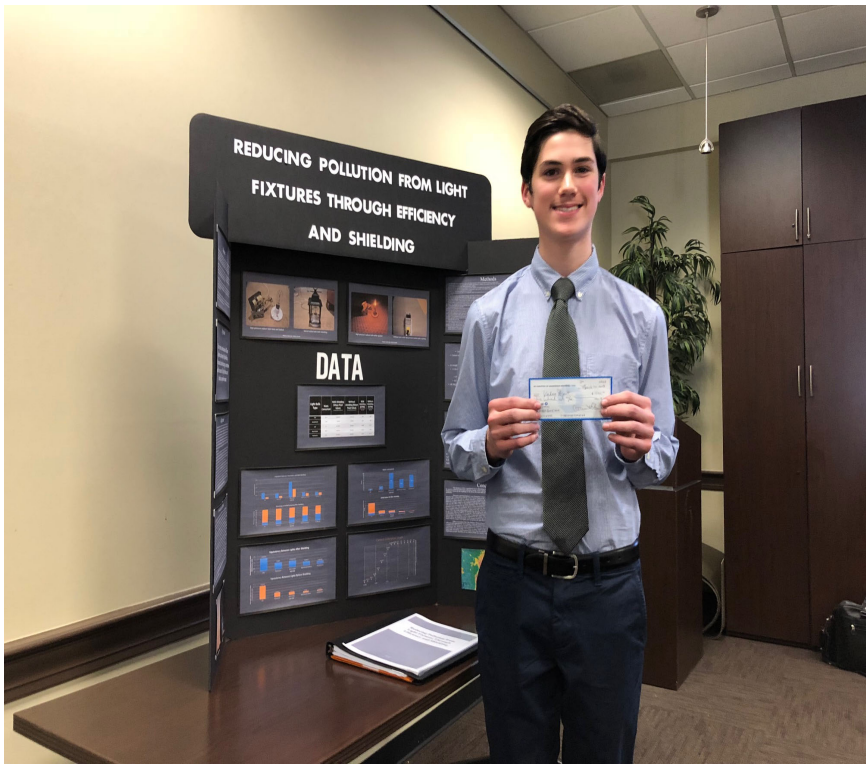
- 2018 Year in Review
- KCHMM 2018 Science Fair Award
- Legislative and Regulatory Update
- Chapter Events
- Rachel Davis Award
- Membership News
- Sponsor Recognition

The Kentuckiana Chapter of Hazardous Materials Managers (KCHMM) is a group of Environmental, Health and Safety Professionals from the Kentucky and Southern Indiana area. Many of our members hold the CHMM (Certified Hazardous Materials Managers) credential, but it is not a requirement for members. We welcome anyone interested in learning more about the environmental profession.

Stay connected via <http://www.kchmm.org> or 



AHMP
ALLIANCE OF HAZARDOUS
MATERIALS PROFESSIONALS™
Global leadership for a sustainable future™



KCHMM's

Special Award in Environmental Studies

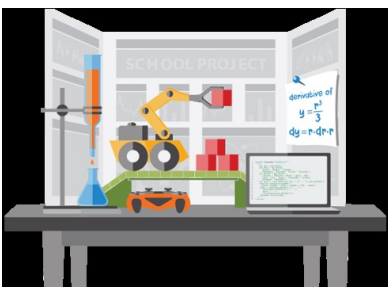
This award is presented each year to a single high school exhibitor in either of the Earth & Environmental Sciences or Environmental Engineering exhibit categories whose project shows ambition, sound understanding of scientific principles, adherence to the scientific method, and, ideally, intersects with the Chapter's mission and/or the nature of our members' professional work.

The KCHMM award includes a stipend which has grown over the years to \$500, of which \$200 is funded by the Chapter treasury and the balance is funded by Chapter members' out-of-pocket contributions collected at Chapter meetings throughout the year.

The 2018 Award Winner IsKaden Grant!

Kaden Grant, a 9th grader at Ballard High School, received a \$500 stipend from KCHMM as an award for his work in the LRSEF. Kaden's research focus was reducing pollution from light fixtures through efficiency and shielding. His method, materials and results were impressive along with his presentation. KCHMM commends him on this accomplishment and encourages Kaden to continue asking questions and pursuing answers.

Past Winners



2011 - Emma Burch, Ballard High School "The Effects of Soil Type when Filtering Pollutants"

2012—Cooper Sodano, Ballard High School 9th grader, "Oil and Feathers Don't Mix"

2013—Jackson Benitez, Ballard High School 10th grader, "The Effects of Different Types of Water on Grass Growth"

2014—Emma Landherr, Ballard High School 9th grader, "Grow Green"

2015—Natasha Gupta, Ballard High School 9th grader, "Coal Ash Pond Management: Studying Groundwater Flow using Darcy's Law,"

2016—Mariam Prieto-Perez, The Brown School 10th grade, "The Comparison of Different Types of Microbial Fuel Cells and their Energy Output"

2017—William Schuhmann, Ballard High School 11th grader, "A New Method of Surfactant Delivery Utilizing the Marangoni Effect and Possible Application to Oil Spill Recovery"



SUPPORT LRSEF 2019 ON SATURDAY, MARCH 2

LRSEF needs approximately 250 judges over a broad range of scientific disciplines. If you or a friend or colleague has the experience to judge high school or junior high projects in any category, morning or afternoon, please consider donating your time and talent. VISIT <https://lrsef.wufoo.com/forms/give-to-lrsef/> to register.

Legislative and Regulatory Update

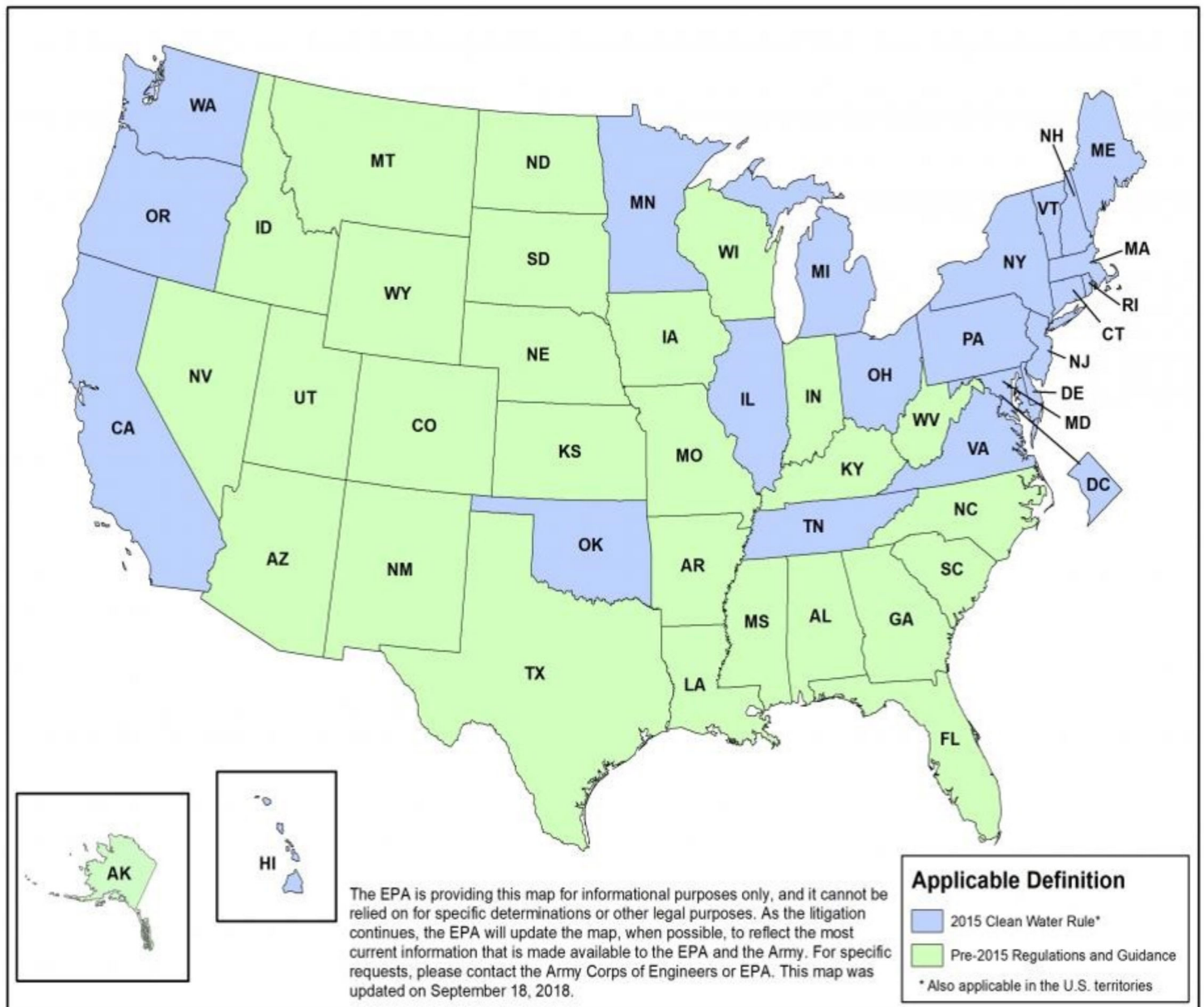
by W. Blaine Early, Ph.D., J.D., Stites & Harbison PLLC, Director KCHMM

Federal Actions

Uncertainty continues to reign on the jurisdictional extent of Waters of the United States or “WOTUS.” The Clean Water Act prohibits discharge of pollutants to navigable waters, which Congress defined simply as “waters of the United States.” The definition of this term is important because it determines when a permit is required whether for Section 402 discharges (KPDES permits) or Section 404 dredge and fill permits. The absence of a precise statutory definition of WOTUS has led to decades of litigation with multiple cases before the United States Supreme Court.

The U.S. Environmental Protection Agency under President Obama established the most recent regulatory WOTUS definition by final rule on June 29, 2015 (80 Fed. Reg. 37,054). Numerous entities, including 31 states and several environmental advocates and industry organizations, immediately challenged this “2015 Rule” in multiple courts across the country. The Supreme Court decided that the federal District Courts have jurisdiction over challenges to the rule. Some District Courts stayed application of the 2015 Rule while substantive challenges make their way through the courts. By these decisions, at this time twenty-two states are covered by the 2015 while the other twenty-eight are covered by the 2008-vintage predecessor rule and guidance documents. (See the map below). EPA and the U.S. Army Corps of Engineers released a pre-publication of the revised definition on December 11, 2018. See this link: <https://www.epa.gov/wotus-rule> and https://www.epa.gov/sites/production/files/2018-12/documents/wotus_2040-af75_nprm_frn_2018-12-11_prepublication2_1.pdf. A public comment period will follow publication in the Federal Register.

Jurisdictional decisions in Kentucky and the other “green” states fall under the pre-2015 regulations and guidance.



CHAPTER 2018 EVENTS

2018 Meetings, Technical Titles, and other Events

Dates

- **KCHMM Chapter Meeting** **January 13, 2018**
Lab Packing, Joseph Walker, Tradebe Treatment & Recycling
- **KCHMM Chapter Meeting**..... **March 14, 2018**
E-Manifesting, Blaine Early, Ph.D, J.D., Stites & Harbison
- **KCHMM Participation in University of Louisville's 30 Years of DEHS**.....**May 9, 2018**
Various technical presentations including: Cheri Hildreth, CHMM, Director Dept. of EHS, UofL
- **KCHMM Social Event—CQ Princess = fun and sun on the river!**..... **August 12, 2018**
- **KCHMM/KY A&WMA Joint Workshop** **August 17, 2018**
Various technical presentations regarding Louisville's Strategic Toxic Air Reduction (STAR) program
- **KCHMM Chapter Meeting**..... **September 12, 2018**
Incredible India! Jennifer James Koenig, CHMM, Environmental Compliance Source, Kendra Schroer, CHMM, KGS Environmental Consulting (Ohio), and Catherine Werner, CHMM, GE Appliances/Haier
- **KCHMM Chapter Meeting and Field Trip LG&E Cane Run Facility**..... **November 14, 2018**

August 12, 2018 River Cruise



KCHMM members gathered August 12th to enjoy a night of friendship and dinner aboard the CQ Princess leaving Captains Quarters.

We cruised the Ohio River enjoying conversation, drinks, and a fine dinner prepared by the Princess Crew

RSVP to - RSVP@KCHMM.org

FACILITY TOUR AT CANE RUN 7 ELECTRIC GENERATING STATION

One of KCHMM's founding members and past president Mark Hussung led the group on a facility tour of Cane Run 7, a natural gas combined-cycle unit which began operation in June 2015. Mark serves as Environmental Compliance Lead at the site. In spite of an early ice storm which shortened the schedule a bit, a wealth of technical information was shared, and fun was had by all. KCHMM greatly appreciates the support offered by LG&E KU, a PPL company. For history of the Cane Run Plant, visit: <https://lge-ku.com/cane-run/history>



a PPL company



Kenneth Reutlinger III, CHMM 2018 Recipient

Rachel Davis Award for Lifetime Achievement

The 2018 Rachel Davis award was presented at the annual meeting, January 9, 2019, to Kenneth Reutlinger III, CHMM. Kenny is a Certified Hazardous Materials Manager (CHMM) whose areas of professional expertise include Water quality permitting, Groundwater Protection Plans, Phase I environmental site assessments, environmental auditing, hazardous waste consulting and permitting, and assisting with SPCC plans. He holds a bachelor's degree in Chemistry earned in 1988 and a master's degree in Environmental Science and Marine Affairs earned in 1992 from the University of Virginia.



Kenny has been a steadfast professional practitioner in our community since 1991 when he was first hired by Ogden Environmental and Energy Services. The company has changed names several times, but Kenny has grown with that team for over 27 years where he serves as Senior Project Manager.

Kenny is a long-time Chapter member, with over 15 years' active participation in the Chapter and many volunteer hours. For more about Kenny and the Rachel Davis Award visit our website at:

<http://kchmm.org/about/awards.htm>

This award was established by the Chapter in 2003 to honor the memory of our 1996 KCHMM President, environmental colleague, and friend Rachel Davis.

The **Rachel Davis Award** is presented to individuals who have demonstrated distinction in their service to the Chapter and community. Rachel was KCHMM's sixth Chapter President in 1996 but died of acute leukemia in 1999. In the ensuing years, the KCHMM has honored many with the award that bears her name, each one being judged to honor Rachel's name through their work, leadership and stewardship.

- Candidates shall be nominated by a fellow KCHMM member (no self-nominations).
- Nominees must be credentialed Chapter members in good standing as of September 1, 2018.
- Nominees shall have publicly demonstrated commitment to the Chapter and its mission.
- Preferred candidates will show civic involvement.

Past Award Winners

2003	Brent Fryear	2009	Al Goodman
2004	Jim Plum	2010	Corinne Greenberg
2005	Evelyn Crooks	2012	Vickie Sammons
2006	Jennifer Triplett	2014	Celeste Sutter
2007	Karen Blake	2015	Mark Hussung
2008	Cheri Hildreth	2018	Patricia Mason



WHY JOIN KCHMM?

HOW TO JOIN?

Visit:

KCHMM.org

Membership News

I am the membership Chair for the Kentuckiana Chapter of Hazardous Materials Managers (KCHMM). Currently, I work as the Principal Consultant for NAS Safety (NAS). NAS specializes in Occupational Safety, Industrial Hygiene, and Environmental Safety. The main focuses being manufacturing safety, ergonomics and training throughout the Kentucky, Indiana, Ohio, and Tennessee area. I am not yet a CHMM and yet a member of KCHMM since 2015. As a member I enjoy a wide array of technical presentations, networking, and the opportunity to judge the local science fair.

- The KCHMM is an affiliated chapter of the Alliance of Hazardous Materials Professionals (AHMP) providing our diverse membership an opportunity for continuing education, networking, community service, and social events. Our membership includes but is not limited to attorneys; engineers; consultants; educators; environmental, health, and safety professionals; salespeople; and scientists. Student memberships are also available and provide a great networking opportunity prior to entering the workforce.
- First and foremost, as is obvious with me, you don't have to be a credentialed CHMM or a member of the national AHMP to join the Chapter. Any local professional or student involved or interested in a related field of work or study is welcome. Chapter membership dues are only \$35 per year and \$10 for full time students. To join, go to www.kchmm.org click the "About" tab and then click "How to Join"; this will provide and application and instructions.

One last thing, I encourage existing members to bring any interested colleagues or friends to one of our meetings or events throughout the year.

If you have any questions about becoming a member or have general questions about the organization, please contact me at gmandeel@nas-sfety.com



Grey Mandeel, GSP

KCHMM is Always Looking for New Members!

Joining the KCHMM is Informative & Fun!

The KCHMM holds meetings throughout the year that include a wide range of interesting technical presentations.

Upcoming presentations during 2019 include:

- ▶ *March 13, 2019 Jefferson County* March 13, 2019 - Jefferson County 10 Year Solid Waste Management Plan by Mr. Pete Flood, Louisville Public Works
- ▶ *May 8, 2019 - Per and polyfluoroalkyl substances (PFAS)* by Nathan Ecklund, PMP, Pace Analytical's Specialty Analytical Services Group.

For more events information visit: KCHMM.org/calendar/calendar.htm

For a taste of our



side see the **Chapter Events** section on p. 4 of this Newsletter!



KCHMM PRESENTS
DOT Hazardous Materials
8-hr Advanced Update Course
Friday, March 22, 2019
8:30 AM – 5:00 PM
University of Louisville
Shelby-Hurst Campus



By request from the KCHMM membership, KCHMM is teaming with Environmental Compliance Source LLC to bring you an informative and economical DOT HazMat Shipper Update Course. Jennifer James Koenig, a fellow CHMM, will be your instructor for the day.

This is an 8 hr. course designed to meet the recurrent training requirements in 49 CFR 172.704. This course will be targeted to professionals whose job is directly related to the shipment of hazardous materials and/or training of such individuals. This is an advanced course targeted for those requiring recurrent training and will review the basics as well as discuss recent DOT changes in regulations. While we will not reject any students who have never had the DOT HAZMAT course before, this will be a very challenging venue in which to learn brand new material at the advanced level. So, beware of bringing brand new hazmat employees to this course. ECS does offer entry level and HazMat shipper specific courses in a separate venue.

This course is designed for the advanced HAZMAT Employer or Employee and ideally suited to those with duties as in-house trainer. This course will not only prepare students for their hands-on duties as a hazmat employee but also with the reference tools and resources to train, verify new shipping requirements and more. Course materials include the HazMat Publishing DOT Compliance Manual (with Emergency Response Guidebook). Practice/exercises will be conducted and a written test given at the end. A verbal test is also available upon advanced request. Please note that some of these materials are in small fonts so bring your reading glasses if you need them!

In the spirit of being eco-friendly, we will be offering the presentation via download prior to the class so students can bring their own laptops and tablets for the presentation. We will have some hand-outs but hope to minimize printed materials. A printed manual is available upon request.

Modal specific information is targeted primarily for highway transportation. Some rail information will also be reviewed. Please note that modal transport via air and ocean vessel will NOT be covered in this course other than general information as it relates to the Hazardous Materials Table.

Information about your trainer: Jennifer James Koenig has been teaching DOT HAZMAT for 25 years and has a unique way of conveying difficult training materials as well as offering suggestions on training techniques for you to use within your own organizations. Jennifer is the managing partner for Environmental Compliance Source LLC, a woman-owned business based in the Louisville area.

VISIT: <http://www.kchmm.org/calendar/KCHMM%20DOT%20update%20registration%20form%202019.pdf>

DOT Hazardous Materials

8-hr Advanced Update Course

Where: University of Louisville Shelby-Hurstbourne Campus

Date: March 22, 2019

Time: 8:30 AM – 5:00 PM

Food Served: Lunch included

Cost: \$375/person for KCHMM members in good standing (dues paid for 2019)*

\$450/person for non-KCHMM members

**KCHMM member rate applies to early bird registrations only. Each student must be a KCHMM member in good standing in order to receive the discounted rate. All registrations made after the cut-off will be at the \$400/person rate.*

For companies sending multiple students, the first two non-members will be invoiced at the \$450 rate and additional students are invoiced at the \$375 member rate.

All attendees interested in attending are requested to complete and email or fax the registration and return via email to Jennifer@ecshelp.com or fax (812) 748-5264.

Registration Form (complete and return with check). Note that the course manual will be sent via email for download prior to class – check if you prefer a printed booklet:

Name: _____ KCHMM Member Prefer printed booklet

Name: _____ KCHMM Member Prefer printed booklet

Name: _____ KCHMM Member Prefer printed booklet

Company: _____

Address: _____ City: _____

State _____ Zip: _____ Phone: (____) _____ Fax: (____) _____

Email: _____

For Payments via Pay Pal – a service fee will apply and be added to the invoice amount. This is the processing fee that Pay Pal charges us to collect payment.

Or, mail a check payable to the Environmental Compliance Source LLC for the proper amount to:

Jennifer James Koenig, CHMM
Environmental Compliance Source LLC
PO Box 6849 New Albany, IN 47151

For questions or further information, contact Jennifer James Koenig, KCHMM Education Chair at (812) 945-1541 or Jennifer@ecshelp.com

THANK YOU!

KCHMM THANKS ITS 2018 CORPORATE SPONSORS WHOSE ANNUAL INVESTMENT UNDERWRITES THE COST OF CHAPTER PROGRAMS AND ACTIVITIES.



PPL companies



National Environmental Contracting, Inc.



KCHMM Mission Statement

The purposes of the KCHMM Chapter are:

- To collectively represent and to safeguard the common interests of the members of the hazardous materials management profession;
- To cultivate, promote and sustain the profession of hazardous materials management;
- To elevate and maintain the professional character and education of hazardous materials managers;
- To contribute toward the protection of human health and of the environment; and,
- To facilitate the exchange of ideas to improve administration of hazardous materials management programs.

KCHMM Officers & Board of Directors, 2019

President

Carla Givens, P.E. BAE Systems
Carla.Givens@BAESystems.com

Vice President

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Treasurer

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Secretary

Rhonda Poston Independent Contractor
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Past President

Patricia Mason, PE Smith Management Group
PattyM@smithmanage.com

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Mark Edmonson, P.E., BCA Environmental Consultants
Bryant Lewis, C.H.M.M., C.P.E.A., ATC Associates
Jeff Perry, Republic Services
Kenny Reutlinger, C.H.M.M., AMEC Foster Wheeler