

Falls City Engineer

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U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT

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come to life with
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On the cover: Jeremy Nichols, structural engineer, demonstrates Building Information Modeling to students at Scott Middle School, Fort Knox, Ky.



Please conserve:
Think before you print.

Commander's Comments

Ladies and Gentlemen,

This is our first newsletter of the new year so I would like to wish everyone a Happy New Year. We have had several key personnel changes over the last couple of months, but with each person we lose to retirement or a new job, that allows us to promote someone else or bring in a new face. Changes are often tough but help keep the organization moving forward over time. Most notably, we said goodbye to Steve Durrett in early February. Steve's value to the district has been unparalleled, and we hate to lose him but are excited that he has moved to division where he will be an asset to the entire region. As Steve moves on, I would like to welcome Linda Murphy as the new deputy for program and project management. Linda brings a wealth of experience and will undoubtedly push our organization to new heights—I truly look forward to working with her!

In addition to looking to the future within the district, I want to highlight efforts our team is making to help the nation move forward. We have provided very robust support to area STEM initiatives including recently to a robotics competition in Owenton, Kentucky. I sincerely appreciate the volunteers' support and would encourage others to support these activities if interested. It is amazing to see what these kids are capable of and often they just need a little push to help them get excited about their future.

I had a great opportunity this past month to meet with our operations managers and lake managers from throughout the district. For those not truly familiar with our lakes, you are missing out. These facilities support multiple functions, and,



Col. Christopher G. Beck
Commander and District Engineer
Louisville District
U.S. Army Corps of Engineers

in many cases, are the only recreation facilities available to some people, so the staff at each project is often the public face of USACE. It was great to spend time with our team and get a better understanding of how passionate and motivated all were to make their projects the best that they could.

Finally, the weather has been pretty rough lately throughout the district area. I need you all to pay extra attention to safety, both at home and at work in these conditions.

Thanks again for all that you do.

Building Strong!

Chris

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Durrett inducted into SES; leaves district for division



Brig. Gen. Richard Kaiser inducts Steve Durrett into the Senior Executive Service at a ceremony at the Mazzoli Federal Building, Louisville, Kentucky.

Todd Hornback, public affairs

Brig. Gen. Richard Kaiser, Commanding General Great Lakes and Ohio River Division, inducted Steve Durrett, Louisville District deputy district engineer, into the Senior Executive Service Feb. 12 stating the SES designation is equivalent to being a general officer in the military—the top one percent.

Kaiser stated the SES members provide knowledge, skills and abilities at the policy level as he addressed an audience of approximately 80 members from the district, division and family members.

“This particular branch of the service, notice I did not say Army, recognizes we must have a Corps of leaders,” Kaiser said. “Steve, its folks like you who provide that consistency and glue. Without that keystone, the arch would crumble,” he added.

Durrett will work from the Great Lakes and Ohio River Division where he will lead the business directorate.

The SES selection came from a culmination of Durrett’s 32-year professional career. He has served several deployment and temporary duty stations including nine months at the division office; six months in St. Louis District working with fleet operations; six months in Iraq and one year at headquarters working with the levee safety program after Hurricane Katrina as the first safety program manager. Currently, he is involved in a Corps Headquarters

team developing policies and procedures for a levee safety program. Prior to his role as deputy district engineer, he served as the chief of engineering division in contrast to his start in the district in the geotechnical engineering section.

“He is not afraid to make the tough decisions,” said Col. Christopher Beck, commander, Louisville District. “Steve’s ability to do what is best is amazing. From day one, he has guided and mentored me. Organizationally and personally, I thank you very much and wish you the best as you move forward.”

The district presented Durrett with the Army Superior Civilian Service Award for his strategic vision and his role in the reauthorization of Olmsted Locks and Dam and the managed downsizing of the district workforce. The senior leaders presented him with a wooden clock in the shape of a castle, and planning, programs and project management division presented him with a Louisville Slugger bat decorated with a district coin and engraved with “You really knocked it out of the park.”

“You are my family. I am going to miss this district. I thought I would never leave these doors without retiring,” Durrett said. “In the Corps, we support not only the military, but the citizens of these United States. I want to thank everyone here and everyone who works here. This has been home. It has been a pleasure.”

Murphy named new deputy district engineer

Linda Murphy has been selected as the Louisville District deputy for program and project management (DPM) and chief of the planning, programs, and project management division.

Murphy is an experienced leader with more than 30 years of USACE experience in a multitude of duty positions who possesses strong organizational leadership skills and a strategic vision that will shape the district.

Murphy is a Registered Professional Engineer and holds a degree in civil engineering from Purdue University. She has also supported both regional assignments and overseas tours in Afghanistan supporting our contingency operations. She most recently served as the Louisville District chief of the military project management branch.

“Linda is prepared to hit the ground running and will be instrumental in driving success in the district as we continue to care for and develop our workforce, accomplish our mission, and integrate with our stakeholders,” said Col. Christopher Beck, Louisville District commander. “I congratulate Linda and her family for this achievement and welcome her to this challenging, decisive, and rewarding new role.”



Linda Murphy has been selected as the Louisville District deputy for program and project management.

Debra Hunter

Jack Sweeney

Water quality team engages state and federal agencies

Carol Labashosky, public affairs

The Army Corps of Engineers Louisville District's water quality team has been fostering interagency cooperation in Kentucky.

Water Quality Limnologist Jade Young initiated and coordinated a meeting at Frankfort, Kentucky, Feb. 5 to improve partnerships with federal and state agencies that are involved in the district's water quality monitoring in Kentucky.

The purpose of the meeting was to identify areas in which agency missions overlap to improve coordination, best leverage resources and eliminate duplication of effort on water quality assessments.

Some examples of the agencies represented at the meeting who use or provide water quality information are Kentucky Division of Water, Kentucky Department of Fish and Wildlife Resources, Kentucky State Nature Preserves Commission, USGS, and U.S. Fish and Wildlife Service.

Huntington and Nashville districts water quality personnel also attended and presented on their water quality programs because they also monitor reservoirs and watersheds in Kentucky. Similar meetings are planned for the future in Indiana and Ohio.

The Army Corps of Engineer's water quality mission is founded on the Federal Water Pollution Control Act and its amendments including the Clean Water Act and the Water Quality Act. The district's water quality program is to comply with applicable state and federal water quality regulations.

The Louisville District water quality program involves technical support to water management, lake project operations



Alicia Cannon

Water quality team members Jade Young and Zac Wolf respond to public concerns of elevated E. coli levels at Barren River Lake. While it is not the main purpose, incident response is an important role of the Louisville District water quality program.

and navigation.

"Another objective of the water quality program is to look at water quality conditions, establish baseline conditions and assess current water quality status," said Young.

The Corps water quality team also identifies any significant water quality trends which aids in understanding the reservoirs and the watershed. Additionally, the Corps water quality staff coordinates and conducts surveys and studies. The Corps' lake rangers and project managers help collect information for the surveys and studies.

"I think that this meeting was a huge

success. The meeting was well attended and a lot of opportunities for strengthening partnerships were identified," said Young.

"We have a lot of data that are beneficial to many different water resource agencies not just the Corps. For example, Kentucky Department of Water frequently includes Corps data in their Integrated Report to Congress."

Mark Philips, hydraulic engineer, Louisville District water management team, gave a presentation on district lake operations, and he highlighted how important water quality data—collected by lake staff—is to support the district's missions.



Sarah Mattingly

The Louisville District water quality team monitors reservoirs including Rough River Lake, Falls of Rough, Kentucky.

Lake rangers and managers gather for workshop

Samantha Bachelder, Buckhorn Lake

For the first time in 15 years, the Louisville District held a workshop for the rangers and managers of the district's 20 lakes as well as other operations division employees. The workshop was held Feb. 2-4 at Barren River Lake State Resort Park, Glasgow, Kentucky.

The two-and-a-half-day workshop provided program information and required training in an atmosphere that also facilitated team building, open dialogue and communication between lake projects and their district counterparts.

Designed to encourage intra- and inter-agency networking, team members had the opportunity to complete hours of training, further their knowledge on upcoming issues within the natural resources field, and bond with team members across the states of Indiana, Ohio and Kentucky.

"I got a lot of information and ideas out of the workshop that I can start using immediately," said Chris Boggs, Green River Area operations manager. "Sharing information about projects we're working on or have completed helps us work more efficiently and effectively."

Establishing communication and understanding between the lake projects and the district office were an important part of the workshop. Col. Christopher Beck, Louisville District commander; Gene Dowell, chief of operations; and Dave Liagre, assistant chief of operations, attended the workshop, speaking directly with project team members and encouraging everyone to ask questions, voice concerns and to let them know the biggest obstacles they face in the field. A suggestion box was available throughout the event



The ranger/manager workshop featured a variety of breakout sessions including presentations, training and panel discussions.

in which anyone could place anonymous questions or suggestions, which would then be taken back to the district office to be reviewed and discussed.

Over the course of the workshop, team members from personnel, contracting, operations, regulatory, public affairs, and planning division's environmental resource section presented on their respective fields and covered the most commonly asked questions to their offices from the lake projects. These sessions allowed for direct contact and feedback, clarifying topics and facilitating discussion to strengthen the district in upcoming endeavors. Operations division presentation topics included accident reporting, encroachments and visitor assistance as well as partnerships, volunteers, water safety, invasive species and trail construction.

Outside experts from the National Park

Service, Farmers Rural Electric and the Kentucky Department of Fish and Wildlife enhanced the learning experience, encouraging team members to consider new ideas and approaches at their lake projects. The National Park Service staff at nearby Mammoth Cave National Park provided a complimentary, two-hour cave tour for workshop attendees to experience the cultural and natural history of the world's longest mapped cave system.

Funding and logistics had prevented similar workshops in the past 15 years, and although these reasons will certainly recur in the coming years, staff members stressed the importance of continuing to host this type of event.

"I've always felt that I am part of a great work force in the Louisville District and attending this work shop just reaffirmed my pride of being a civilian of the U.S. Army Corps of Engineers," said Brookville Lake Ranger Stephanie Ison, natural resources specialist.

Not only can new information and required training be administered more efficiently, but bonds between team members are cultivated, allowing for information sharing that will increase productivity and unity across the district. Coming together as a team will continue to build our district strong. Even if these workshops can be held only periodically, the value and benefit added to our natural resource staff, the Corps and to the public makes them well worth the cost.



The Louisville District held a workshop for the rangers and managers of the district's 20 lakes as well as other operations division employees at Barren River Lake State Resort Park, Glasgow, Ky.

Risky business

Louisville risk cadre earns first Cadre-of-the-Year award

Carol Labashosky, public affairs

Though the new calendar year has arrived—just to recap an important achievement in 2014—at the U.S. Army Corps of Engineers (USACE) Risk Management Center (RMC) in Denver, Colorado, the Louisville Risk Cadre was awarded the first ever Cadre-of-the-Year Award. Rick Schultz, RMC engineer, who attended the ceremony in Denver said, “Senior RMC management had many great things to say about the outstanding performance of the Louisville District group and all that the cadre has accomplished in the past year.”

So what is a risk cadre and what has the Louisville risk cadre been doing this last year that earned them such high praise?

After Hurricane Katrina, USACE made an effort to outreach and make risk-informed decisions ensuring that projects providing the most risk benefit for the American public would be assessed and prioritized to receive funds.

The RMC was formed to lead and direct this effort for USACE, by largely using risk analysis methods used by the Bureau of Reclamation. Risk is determined by the presence of a potential hazard, the probability of the hazard to lead to a breach, and the consequences that might occur to the downstream population at risk if a breach occurs. For example, a dam with many potential hazards but with zero population downstream might be considered a low risk, while a dam with few to no hazards might be considered a high risk if it is immediately upstream of a city. A classification system of dams and levees assisted RMC personnel to determine how to prioritize efforts as they began to assist local USACE districts with assessing the structures that posed the greatest risk to the public.

The RMC found themselves tasked with greater responsibilities and needed assistance from districts to evaluate these risks. In 2011, the Louisville District formed a small cadre to provide support for this effort. Over the past three and a half years, the group has been extremely successful at assessing the risks of high hazard dams and levees across the nation.

The Louisville District cadres have been involved all the way back to the beginning of the RMC in the development of the risk methodology used today to



The LRL Risk Cadre team performs a site reconnaissance meeting for Blakely Mountain Dam, Royal, Arkansas. The project consists of a 231-foot-high earthen embankment dam with a hydropower power plant located in lower left of photo.

evaluate dams in the USACE portfolio. A Memorandum of Agreement was drafted between the Louisville District cadre and the RMC establishing the baseline cadre teams. These base teams generally consist of a project manager, a geotechnical engineer who evaluates the integrity of the embankment and the potential for internal erosion failure modes, an economist who evaluates the potential downstream consequences if breach were to occur, a hydrologist/hydraulic engineer who determines the reoccurrence frequency and duration of various pool loadings at the structure and the extent of flooding from a breach, a geologist who determines the potential geologic hazards that could threaten the integrity of the structure and a structural engineer who evaluates the design and integrity of structural components.

The Louisville District has been granted flexibility to operate with greater freedom to focus and schedule multiple risk assessments simultaneously. The Louisville team has approximately 25 members both full and part time, actively working on five or more risk assessments at any given time. This flexibility and commitment of the district cadres have enabled them to complete more risk assessment than any other risk cadre under contract with the RMC.

“When a tough or difficult project needs to be accomplished, the RMC calls Louisville. The team performing risk

work has a great reputation.” according to said Steve Durrett, former deputy district engineer.

The first ever Cadre-of-the-Year Award—which was received by the Louisville District team—is a watershed moment for the team, district, division and nationally.

Risk Cadre Team members

Bonnie Jennings, Program Manager

Geotechnical Engineers

Jonathan Best
Troy O’Neal
Nicholas Beckmann
Joseph Carnall
Chun-yi Kuo
Casey Cummins
William Puckett
Robert Wheeler
Adam Gohs

Structural Engineers

Josh Corbett
Brett Heppermann
Matthew Watts
Raymond Smith
Shawn Kenney
Jonny Meyer

Geologists

Richard Hockett
David Robison
Scott Kelly
Jacob Nienaber
Kenneth Henn

Hydraulic Engineers

Adam Connelly
Derek Kinder
Ken Lamkin
Ed Stowasser (LRH)
Shelley Tule (LRE)

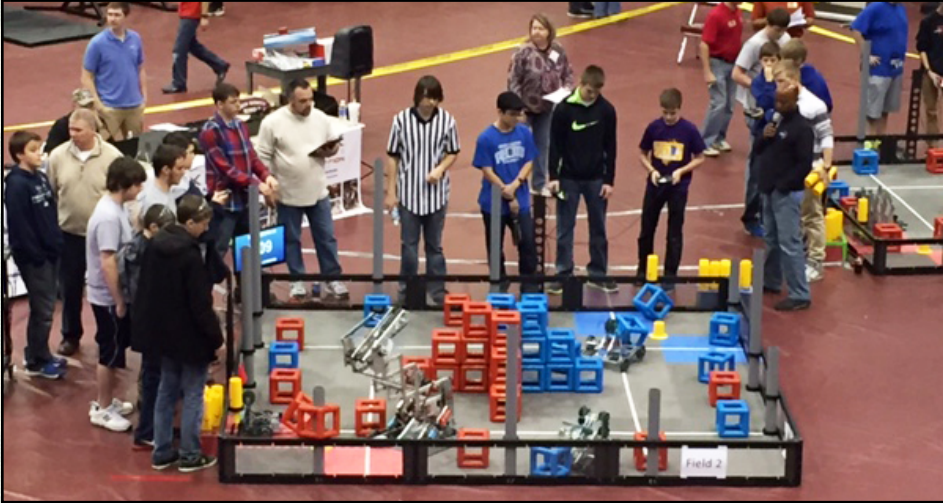
Mechanical Engineer

Brian D. Smith

Economists

Alex Ryan
Nickolas Lutz

Robotics competition brings engineering to life



Louisville District engineers volunteered to serve as judges for the regional VEX Robotics competition in Owenton, Ky., in January.

Katie Newton, public affairs

Robots will take over Louisville, Kentucky, when the VEX Robotics World Championship comes to town this spring. U.S. Army Corps of Engineers (USACE) Louisville District professionals will assist in judging more than 800 teams from around the world who will be competing in the event.

As part of USACE's strategy to increase Science, Technology, Engineering, and Math (STEM) initiatives the Louisville District became involved with judging VEX Robotics competitions—the fastest growing STEM game in the world.

"This robotics competition, better than anything I've seen, really helps pique a student's interest in engineering as a career," said Marilyn Lewis, engineering division chief, Louisville District. "This work with robotics helps them see the clear tie to engineering as a profession. It gives them a real working knowledge of engineering."

In January, Louisville District engineers volunteered to serve as judges for the regional competition in Owenton, Kentucky, in which 75 teams from across the region competed.

This year's game called Skyrise involves a 12-by-12 foot square playing field upon which four teams making up two alliances—red vs. blue—have their robots faceoff by moving and stacking blocks as quickly as possible.

For the first 15 seconds, the four robots must operate autonomously based on previous programming and design. After that, students operate their robots with control-

lers and try to rack up more points than their opponents before the two-minute time limit is up.

"It's as competitive as the Super Bowl to them," said Louisville District geotechnical engineer John Twombly, who volunteered to judge the event.

"You can tell they all got a kick out of it. From middle school to the seniors in high school they were very into their robots and the mechanics behind them."

Louisville District engineers paired up to interview the student teams. The judge's responsibilities primarily consisted of evaluating the student teams through interviews, reviewing their engineering notebooks and observing the teams during the competition.

"We went around and we talked to the individual teams about engineering and what got them interested in robotics and how they came up with their designs," said Twombly. "It was actually pretty cool to hear their thought processes on it. It was a pretty neat experience."

Although the tournament champions win based on their field play, there are several other award categories in which teams were evaluated such as the design award for best robot, the judge's choice award for the team that exhibits the best spirit of the game, the sportsmanship award for those who are most helpful to other teams, and the highest award in the competition—the excellence award.

The regional winners included Central Hardin High School, Elizabethtown, Ky., John Hardin High School, Elizabethtown, Ky., Elkhorn Crossing School, Georgetown, Ky., and the Iteration Happens team, Stamping Ground, Ky., who will now advance to the state competition in February for their chance to compete in the world championship.

The VEX Robotics World Championship will be held in Louisville, April 15-18 at the Kentucky Exposition Center and will attract more than 15,000 students from over 30 countries to celebrate their accomplishments and further inspire their interest in STEM.

Lewis, who serves as the STEM Team point of contact for the Great Lakes and Ohio River Division says USACE involvement in these competitions is important.

"By serving as a judge and interviewing the students on these teams, you can see how this has had an impact on their future career decisions," said Lewis. "Many of the juniors and seniors getting ready to go to college told us that being involved in this had them interested in majoring in engineering."

To watch a video of how the game is played [click here](#).

To see the promo for the World Championship to be held in Louisville this April [click here](#).



Back row: Quyet La, Julian Donahue, Brian Smith, John White, Kevin Lanning and Corey White. Front Row: Chun-yi Kuo, John Twombly, Marilyn Lewis and Brittney Hyde.

Building designs come to life with 3-D modeling

Katie Newton, public affairs

For engineers a typical day includes designing state-of-the-art buildings. When middle school students have the chance to do the same, it makes for one exciting day in science class.

In February, five structural engineers with the Louisville District U.S. Army Corps of Engineers (USACE) visited Scott Middle School, Fort Knox, Kentucky, to give more than 100 eighth grade students a glimpse into the engineering profession.

This visit to Scott Middle School is part of the Science, Technology, Engineering and Mathematics Education Outreach (STEM ED) partnership between the Department of Defense Education Activities (DoDEA) schools and USACE designed to inspire students to pursue careers in STEM fields.

“What’s interesting is how they can apply their knowledge from their science and math courses and then how we can apply it to our work,” said Mercedes Hughes, USACE structural engineer. “It helps them make a connection and gives them a better understanding of what an engineer does.”

Hughes, a structural engineer who has coordinated the program with the eighth graders, has visited the students three times in the last month to share the basics of engineering and seismic design. The engineers worked hard to incorporate items into each visit that would challenge the students in every area of the STEM curriculum. On a previous visit, students were asked to build structures designed to withstand seismic forces and estimated the costs associated with building those structures.

“We’re trying to explain it to them and deliver it on their level all while making it fun,” said Hughes.

This third and final visit got the students excited with a virtual reality headset—or 3D goggles—which allowed them to maneuver through a newly designed 21st century DoDEA school building similar to the ones they were designing.

Students first worked in small breakout groups using Building Information Modeling (BIM) software to create their own structures with columns, trusses and walls before seeing how a finished product would look through the goggles.



Students at Scott Middle School, Fort Knox, Ky., try on 3D goggles, which allow them to take a virtual tour of a designed school building as part of the Louisville District STEM ED initiative.

“We’ll show you all what we do and we’ll let you all model it yourself on the laptop and then we will take it one step further with letting each of you do a virtual walk through,” said Jeremy Nichols, structural engineer.

RS&H, the architect engineering firm working on the Kingsolver-Pierce Elementary School project at Fort Knox, partnered with USACE to illustrate the concepts of design with the use of their 3-D goggles.

“We’re trying to bring realism of the profession to the students,” said Marilyn Lewis, engineering division chief. “We’re using tools that look much like their video games that they play at home.”

With an Xbox controller in hand and the headset strapped on, students could take a virtual tour of a school and navigate through common areas and classrooms filled with modern furniture. This demonstration allowed the students to see how the space would really feel by walking through the model versus just looking at typical blueprints.

“You can kind of see what you did before it is actually constructed,” Alex McCoy, structural engineer, told the students when explaining the goggles to his group.

The students commented on how real it seemed and asked many questions about modeling and the engineering profession.

“Anytime experts come in from the

community and share knowledge with the kids it brings science and math to life. It’s super,” said eighth grade science teacher, Ralph Serpico.

In addition to the demonstrations on seismic forces with the eighth graders, USACE engineers are working with sixth and seventh graders at Scott Middle School as well as using the Corps’ current construction site of the Kingsolver-Pierce Elementary school as an on-site laboratory for their topics.

“We’re building a DoDEA school at Fort Knox, so our thought was let’s use that actual project and illustrate concepts that the students are actually studying,” said Lewis. “We’re looking at the real things in the school rather than making up experiments.”

Later in the spring the sixth graders will be studying energy and doing a mock design for the geothermal well field for the Kingsolver-Pierce school. The seventh graders, who have already completed their projects, discussed sinkholes, the science behind them and real-world examples of the damage they cause. A sinkhole found on the property of the Kingsolver-Pierce school project made for a perfect topic as a way to tie in real-life examples to the engineering career field. Students also learned about earthquakes, famous structures around the globe and transportation infrastructure in various countries.

Louisville engineers inspire area students

Assumption High School

On Friday Jan. 23, 2015, Tina Beavin, chief, electrical section, and Brittney Hyde, environmental engineer, went to Assumption High School to meet with approximately 25 high school students in the Mu Alpha Theta (MATH) club to talk about being women in engineering. The engineers discussed their roles and responsibilities with the Army Corps of Engineers and their experiences as female engineers.

"The students were interested in knowing about what a typical day is like and how technology has changed our careers and were extremely attentive and curious throughout our entire presentation," said Hyde.



USACE

Regional Future Cities Competition

On Jan. 19, nearly 200 students, representing schools from across Kentucky and Tennessee competed in the Regional Future Cities Competition at the University of Kentucky, Lexington, Kentucky. The number of competitors has been growing tremendously in the past few years, with three teams in 2012, 26 teams in 2014, and 42 teams this year. The teams were comprised of sixth, seventh, and eighth grade students.

Three Louisville District employees, Brittney Hyde, Quyet La and Corey White served as judges at this year's competition. The goal of the Future Cities Competition

is to engage and excite students in engineering through practical, project-based activities. Each year the Future Cities essay topic varies, with this year focusing on "Feeding Future Cities." The teams were asked to select one vegetable and one protein and design a way to grow enough of each within the future city limits to feed their citizens. After months of preparation and hours of hard work, the teams were judged on their Virtual City (created using Sim City), research essay, city narrative, physical model, and presentation.



USACE

Jennings County Middle School

U.S. Army Corps of Engineers Louisville District engineers stepped up to share their engineering knowledge with a group of middle school girls this January. Sheryll Impellizzeri, Gabriela Lyvers, Cristie Mitchell and Mercedes Hughes visited with approximately 180 seventh grade girls at Jennings County Middle School Jan. 8. The women talked with the girls about what engineering is, how they became interested in engineering, different types of engineering careers available, what their typical work day looks like and answered questions the girls had regarding engineering.

The timing of the visit coincided with the young ladies registering for classes for their upcoming eighth grade year, which



Sheryll Impellizzeri, Gabriela Lyvers, Cristie Mitchell and Mercedes Hughes at Jennings County Middle School.

is when they can choose to participate in the Gateway Technology Program. The Gateway Technology Program is part of Project Lead the Way, a nationally

recognized program that uses engineering, science, math, and technology to solve complex, open-ended problems in a real-world context.

USACE

Brookville Lake awarded Star of Life

The Star of Life Award for the U.S. Army Corps of Engineers Great Lakes and Ohio River Division was presented to four individuals at Brookville Lake, Brookville, Indiana, for their quick actions in preventing the serious injury or fatality of a visitor to the lake.

On an August morning, David Johnstone, park manager, observed on security cameras a group of visitors walking up a steep slope. When he noticed one member of the group lagging behind and showing signs of distress, Johnstone telephoned Park Ranger Stephanie Ison, who was able to go directly to the scene.

Volunteer David Stutzman, a Corps retiree and local EMS driver, used his EMS radio to dispatch emergency responders.

When Ison reached the scene, she learned from the visibly ill man's companions that he was diabetic and, having been without food and drink for quite a while, was suffering from low blood sugar.

Ison, a trained First Aid/CPR/AED instructor, provided the man with bottled water from the park ranger truck and called Johnstone, who brought her the apple from her packed lunch to help raise the man's blood sugar.

Chris Bass, maintenance mechanic, also trained in First Aid/CPR/AED,



Louisville District Commander Col. Christopher Beck presented the Star of Life Award to Chris Bass, maintenance worker; Stephanie Ison, park ranger; David Stutzman, Corps retiree and volunteer; and David Johnstone, park manager, at Brookville Lake, Brookville, Ind.

assisted with crowd control and traffic pattern flow, securing a safe scene for the responders.

When EMS arrived and performed vital checks, the man was markedly improved and declined transport in the ambulance. Ison helped him to his vehicle.

"This successful rescue was an excellent example of great teamwork and having the right equipment and the right training and a quick acting staff to prevent

a potential severe injury or fatality to our visiting customers," said Steven Lee, Miami River Area operations manager. "Our Brookville team did an excellent job in responding to this emergency."

Johnstone, Stutzman, Ison and Bass were awarded the Star of Life by Col. Luke Leonard, Louisville District commander during a visit to the lake.

Emergency Operations

Emergency operation center gears up for flooding season

On Jan. 14, the Army Corps of Engineers (USACE) Louisville District's Emergency Operations Center hosted the Ohio River Valley 2015 Flooding Operations Coordination meeting to discuss the upcoming flooding season as it pertains to the Ohio River Valley and how to better improve the response to flooding by both federal and state agencies. The meeting was attended by Louisville National Weather Service Office (NWS); Ohio River Forecast Center, National Weather Service (OHRFC-NWS); United States Geological Service, United States Coast Guard Sector Ohio Valley, Kentucky Department of Emergency Management, Indiana Department of Homeland Security – Emergency Management Agency, and Illinois Emergency Management Agency.



Left to right: David Lasoski (USACE), Kathy Pfeifer (USCG), Chris Neutz (USACE), Dan Frank (USACE), Steven Hite (USACE), Will Ailstock (USACE), Trent Schade (OHRFC-NWS) and Mike Callahan (NWS).