



BIORAFT IS NOW SCISHIELD



BioRAFT, the university's third party safety training and compliance software provider, was founded in 2003 with a mission to build a great software for the biosafety community. In working to achieve this mission, their solutions to solve many challenges have expanded over the years. Therefore, after nearly 20 years as BioRAFT, they have changed their name to SciShield (www.scishield.com) in order to better reflect their tailor-made solutions for precise laboratory needs. The impact of this name change will be minimal to our CMU community. However, below are some key changes that are taking place now and over the next year to adopt this name change:

- The [Environmental Health & Safety \(EHS\)](#) homepage has been updated.
- The user login logo will be updated from BioRAFT to SciShield in early October.
- A new Uniform Resource Locator (URL) address will be established for SciShield to replace cmu.bioraft.com before the end of the calendar year.
- Logos and links in documents, program materials and training modules that contain reference to BioRAFT will be redirected to the new URL over the next year.

While change can be challenging, EHS is implementing a plan to reduce any disruption to the community and our experience with the software. Please share this information with your constituents and send any questions or concerns to safety@andrew.cmu.edu. ♦

EMERGENCY PREPAREDNESS/ACTIVE SHOOTER INFORMATION

Active shooter incidents are on the mind of many due to recent events in the U.S. and worldwide. An active shooter is defined by the U.S. Department of Homeland Security as "an individual actively engaged in killing or attempting to kill people in a confined and populated area." In most cases, active shooters use firearms, and there is no pattern or method to their selection of victims.

Because these tragedies are unpredictable and evolve quickly, it is valuable to be prepared both mentally and physically to deal with the risk of an active shooter scenario.

University Police provides valuable information and training about the [best way to respond to a potential active shooter situation](#). If you, your team or department are interested in Active Shooter Training, please contact Sgt. Mark Villasenor of the University Police Community Resource Unit at 412-268-4769 or mvillase@andrew.cmu.edu.

ERM and University Police are currently collaborating on ways to make this training available across multiple communications platforms throughout campus.

If faced with an active shooter incident, there are many things that can be done to make a difference. It is critical to quickly determine the most reasonable way to protect yourself: Run, Hide or Fight.

RUN when an active shooter is in your vicinity:

- If there is a way out, GET OUT! This is your first and best option. Leave your belongings behind.
- Help others avoid entering the danger zone.
- Call the CMU Police at 412-268-2323 as soon as it is safe to do so.

HIDE if running is not possible:

Find a hiding place that is out of the shooter's view, that provides protection if shots are fired in your direction and that does not trap or restrict your options for movement. Once in the hiding place:

- Lock and/or barricade the door.
- Silence your cell phone (including vibration).
- Hide behind large objects if possible.
- Remain very quiet and do not leave until directed by law enforcement.

FIGHT AS A LAST RESORT and only if your life is in danger:

If you cannot run or hide, your last resort may be to fight. Fighting requires commitment and aggressive action:

- Attempt to incapacitate the shooter.
- Act with physical aggression and commit to your actions.
- Improvise weapons.
- Once the shooter is incapacitated, call the CMU Police at 412-268-2323.

Police officers responding to an active shooter are trained to stop the shooting as quickly as possible. They will proceed immediately to the area where the shots were last heard. The first officers to arrive will not stop to aid injured victims. Rescue teams will follow shortly after the first responding officers enter the area. When they do arrive, there are a few things you can do to ensure your safety:

- Keep your EMPTY hands raised and visible with your fingers spread apart.
- Remain calm and follow instructions.
- Avoid pointing or yelling.
- If you know where the shooter is, or know the shooter's description, tell the officers.
- Keep in mind that once you have escaped to a safer location, the entire area is still a crime scene. Police will usually not let anyone leave until the situation is under control and witnesses have been identified. Until you have been released, remain at whatever assembly point authorities designate.

Active shooter incidents are scary for everyone involved, but having options can empower you and help save your life. In addition, prevention is key. If you see something, say something. It could keep CMU and the surrounding community safe. ◆

EHS SUPPORTS OUR GRADUATE STUDENT COMMUNITY

This fall semester, Environmental Health & Safety (EHS) implemented a graduate student onboarding program to provide graduate students with an introduction into the services delivered by EHS with a focus on laboratory and research safety. This program is part of a larger initiative to enhance EHS's engagement with the graduate student community. Approximately 191 students from Biology, Material Science, Art, Chemistry, Entertainment Technology Center, Biomedical Engineering and Mechanical Engineering went through the program, either through in-person training or watching a recorded session during the first few weeks of the semester.

Program components include:

- Safety training
- Introduction to new lab spaces and space hazards
- Formal introductions to fellow lab members

At the end of the semester, EHS will follow up with students to solicit feedback about their experiences with onboarding in their labs and with the services that EHS provides.

In addition, the EHS team, along with Carnegie Mellon departments, graduate student organizations and Pittsburgh community partners, participated in the Graduate Student Resource Fair on Wednesday, Aug. 17, in the Rangos Ballroom at the Cohon University Center. The purpose of the resource fair was to provide graduate students with the opportunity to learn how available resources can aid and enhance their CMU experience.

The EHS team used the opportunity to share with students the various services provided by Enterprise Risk Management. In addition, students had the opportunity to go through the steps of extinguishing a simulated fire using the Bullex digital fire extinguisher simulator. They enjoyed competing against each other to see how quickly they could put out the fire. The event concluded with a raffle. Two winners were presented with prizes including fire safety items and CMU merchandise.



EHS is here to support all students to ensure a safe and successful CMU experience. If you have any questions about the support services offered, please contact [EHS](#). ♦

BATTERY RECYCLING PROGRAM

Proper management of waste batteries is required by the [Pennsylvania Department of Environmental Protection \(DEP\) regulation for "universal waste,"](#) which includes lead-acid, lithium-metal, lithium-ion, nickel-cadmium (as well as other metal halide) and rechargeable batteries. Universal Waste is managed as part of the University's Chemical Waste Program. While Alkaline Batteries are not defined as Universal Waste, recycling is recommended as a green best practice. Recycling is intended for waste batteries generated on campus, or from university-related activities, and helps with environmental sustainability by diverting recyclable materials from the landfill.

Universal-waste batteries should also follow the requirements of the [EHS Chemical Waste Management program](#), including taping the battery terminals with masking tape to ensure safe transit. The terminals, or exposed metal parts, of certain batteries can rub together creating a spark. It only takes one to start a fire. Store batteries that have become waste in a universal-waste area in your lab, department or building and label the container with the words "Universal-Waste Battery". Labels are available from EHS and should be placed on the front of containers. Waste pickups occur biweekly on Tuesdays at the point of collection or generation. Please refer to the EHS website for the [Waste Pickup schedule](#). Alkaline batteries should be managed through the recycling kiosks [located in common areas on campus](#). Your department may request a kiosk by sending an email to fixit@andrew.cmu.edu. If you have any questions regarding the Battery Recycling Program, contact safety@andrew.cmu.edu. ♦



Batteries taped for recycling



Container for waste batteries

CPR/AED TRAINING



ERM is offering CPR/AED training this fall. Attendees will learn how to recognize the signs of a sudden cardiac arrest, when to call University Police and how to perform CPR. The hands-on training will also enable attendees to become familiar with an AED and how to successfully operate it in an emergency.

The following training sessions will take place in the EHS Conference room, FMS Building, 3rd Floor:

- Wednesday, October 12: 10 a.m. to 12 p.m.
- Thursday, November 10: 10 a.m. to 12 p.m.

Register for a course in SciShield: [CPR/AED Training | BioRAFT](#). If you have any questions, contact safety@andrew.cmu.edu. ♦

CMUSAFE AMBASSADOR APPRECIATION LUNCHEON



On Thursday, Sept. 8, ERM hosted an appreciation luncheon to thank all of our CMUSafe Ambassadors for their volunteerism, dedication and support. The CMUSafe Ambassador Program launched in October 2021 and has grown into a valuable asset for the university by providing individuals with enhanced emergency preparedness and response training and resources. Speakers at the event included:

- **Stan Waddell**, Vice President for Information Technology and Chief Information Officer, and University COVID-19 Coordinator
- **Melanie Lucht**, Associate Vice President for Enterprise Risk Management and Chief Risk Officer
- **Aaron Lauth**, Chief of Police for the CMU Police Department
- **Key ERM and EHS Team Members**

Volunteers who attended the event received thank-you gifts and participated in a Q&A session to close out the event. ♦

ERM ANNUAL EMPLOYEE APPRECIATION EVENT

August started off on a fun note for ERM with the annual appreciation event for its staff. The event was held at [Coop De Ville](#) where the teams enjoyed great food, games and conversation away from the office for an afternoon.

The event finished by acknowledging standout team members, voted by their peers, with the third annual ERM Awards.

EHS Director Andrew Lawson and Senior Hazardous Materials Management Specialist Paul Minor were co-winners of the Mover and Shaker award. This award is presented to a team member who has had a significant positive impact on the ERM team and the university community with a large project or initiative. Since being promoted as the Director for Environmental Health and Safety in January of 2022, Andrew has implemented several improvement opportunities, including greater engagement and collaboration with our graduate student community. Paul has made significant contributions to improving the management of hazardous waste on campus. His collaboration with Computing Services to improve electronic waste recycling has been tremendous.

EHS Assistant Director Rebecca Cicco won the Edison award for her development and soon to be released Unmanned Aircraft Systems (UAS) Safety Program. This award is presented to a team member who created something new and innovative that helped to advance the department's strategic plan.

Laboratory and Research Safety Specialist Jelena Micic received the Spirit Award. This award is presented to a team member who exemplifies the spirit of the CMU community. They are actively involved in our community, represent the ERM department positively and go the extra mile to provide exceptional service. Since joining the EHS team in January of 2022, Jelena has demonstrated her heart is truly in the work.

Fire Safety Specialist Evan Orowetz was presented with the Best New Artist Award by demonstrating exceptional growth, partnership and contributions to the community, while being part of the ERM department for less than two years.

Last, but not least, ERM recognized Charity Anderson as a Friend of ERM. She was presented the award for her great collaboration with the department and serving as an ambassador within her peer group. She has supported the development of various EHS programs including, but not limited to, the Fire and Life Safety Assessment Program and the Asbestos Management Program.

Please join us in congratulating the 2022 ERM ERM Award winners. ♦



Pictured from left to right: Paul Minor, Andrew Lawson, Rebecca Cicco and Evan Orowetz.
Not pictured: Jelena Micic and Charity Anderson.

STAFF SPOTLIGHT



Kalie Hoover is our newest member, joining the Environmental Health and Safety Team at Carnegie Mellon University on June 1, in the EHS Research Safety Technician role. She has prior work experience in construction, oil and gas and civil engineering safety. Kalie graduated from Indiana University of Pennsylvania with her bachelor's in Safety, Health and Environmental Applied Sciences in 2019, and her master's in Safety Sciences, also from IUP, in 2020. She is the author of two published studies, one involving meditation and the effects on muscle recovery when doing repetitive tasks, and her thesis that involved a study on reaction time in elderly drivers. Kalie will primarily be working with hazardous waste management and lab safety in her position. Please join us in welcoming Kalie to the EHS team. ♦



Bella Krisky joined Environmental Health and Safety on Feb. 10 as the new team intern. Bella is a sophomore double majoring in Environmental Engineering and Engineering and Public Policy. As an intern, she is helping to support annual fume hood inspections, assistance with the water sampling program and chemical inventory updates. When she is not working, you'll find Bella on the Ultimate Frisbee field or reading an old book. After graduation, she plans on pursuing a career with the Environmental Protection Agency (EPA) in research or environmental advocacy. ♦

ERM WOULD LIKE TO HEAR FROM YOU!

We encourage all members of the Carnegie Mellon University community to submit safety improvement ideas that enhance your personal safety on campus or the safety of the greater community. Your participation will help raise safety awareness in our community! Please submit your safety concerns and ideas to safety@andrew.cmu.edu.

In addition, if you have any suggestions for the next newsletter, please submit your ideas to Mary Sickles at msickles@andrew.cmu.edu. ♦



SEE SOMETHING? SAY SOMETHING!

Help ensure the safety and well-being of the CMU community by calling:

- University Police: 412-268-2323
- Ethics Hotline: 1-877-700-7050 ♦

