

Department of Environmental Health & Safety

Newsletter

<http://www.wright.edu/admin/ehs/>

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In The Past Quarter,

EH&S

- » Set up a regular monthly safety training schedule for Physical Plant personnel. Topics to date have included; chlorine room familiarization, hazard communication, personal protective equipment & lockout/tagout.
- » Completed and sent a summary report of work related injuries and illnesses for 2006 to the Bureau of Worker's Compensation.
- » Hosted the local Kitty Hawk Chapter of American Society of Safety Engineers (ASSE) monthly meeting and luncheon. The Earth & Environmental Sciences Department co-hosted this event.
- » Submitted WSU's 2006 Annual Storm Water Management Report to the Ohio EPA.
- » Completed lab audits in Physics, Bio-Chemistry & Molecular Bio, and Psychology departments.
- » Oversaw the shipment of Hazardous Waste from Lake Campus.
- » Submitted the SARA Title III Emergency Planning and Community Right to Know report to the Ohio EPA and local agencies.

From The Director's Chair:

By now, we all know the WSU Raiders basketball team made it to the Men's NCAA basketball tournament. They had a great season capturing the Horizon League regular season and season tournament championships. As a regular attendee at all the games it was interesting to see the support for their efforts increase throughout the season as greater numbers of fans showed up for the games. Next year the team will attempt to build on their success based on the experience gained from returning players, players accepting new roles, and some new members being added. The hope is a foundation for success has been built and Raider fans will become used to post season hoops.

What does all this have to do with EHS? Well, we too are striving to build a foundation of success and rely on support from across campus in our efforts to promote a safe campus while attempting to minimize the affect of university operations on the environment. Similar to the basketball team, we will also be attempting to succeed this coming year from the experience of existing staff members, staff accepting new roles, and the addition of new staff. We believe we set a record last year for the number of individuals who received some type of EHS training. As our staff gains valuable training experience we hope to increase that even more during 2007. Kim Morris, who many of you know from her work with radiation safety, has been appointed to be the university's first full time Biological Safety Officer. We have also added a new player to our team. Dramane Konate is now serving

the university in the capacity of Radiation Safety Officer.

The addition of Dramane as the RSO, Kim as the BSO, and the experience we have gained will be valuable assets to our team. We also need your help. We request your assistance identifying potential safety hazards on campus and identifying potential pollution causing activities. Do not hesitate to call us if you see anything that may fall into either category or know of any activity that may be questionable. **For starters, please read closely the article on page 3 describing the most frequently cited OSHA violations. If you or any of your employees are performing any of these tasks, give us a call.** We can create a training program that will help you and /or your staff perform their job safely. It's a satisfying feeling for an employee to know their supervisor cares enough to ensure they do their job safely.

We will continue to make every effort to keep our eyes open on campus but we cannot be aware of all activities that occur. With your support, similar to the support the Raider basketball team received from their fans, we will strive to develop a championship caliber EHS team.

Thank you for taking the time to read our newsletter.

-Steve

What's New in EH&S?

New RSO Hired:



On April 9th Dramane Konate took over as the Radiation Safety Officer for WSU. Dramane replaces Tom Mohaupt who served in this position for approximately fifteen years. As the RSO, Dramane will work closely with the Radiation Safety Committee to manage the safe use of radioactive materials, radiation-generating equipment, lasers, and non-ionizing radiation sources in compliance with university policies and procedures, radiation source licenses and registrations, and applicable state and federal rules. Dramane comes to WSU with a Bachelor of Science in Civil Engineering and a Master of Science in Health Physics and Nuclear Engineering. He spent a year interning with the Radiation Safety Office at the University of Cincinnati and has spent the last three years as RSO at Meharry Medical College in Nashville, TN.

Please welcome Dramane and help him along as he makes his way around campus getting a handle on his new role.

Audio Alarms On Website:

Have you ever wondered what announcement you would hear if an emergency were to occur on campus? Well, now you can visit our website at www.wright.edu/admin/ehs/ and find out. There are now links to the audio alarms that would be delivered over the campus emergency notification system during a fire, tornado, or other emergency and also what you would hear once an all clear is declared. (Thank you Alan Smith, Casualty Prevention Supervisor)! Visit our website and check it out. Look around while you're there and let us know what you think of our website. We are close to creating a new web design with new functionality and are very much interested on what you, our customers, would like to see. Contact Helen Kay Dean ext. 3680, with any suggestions or comments.

Kimberly Morris New IBSO:



On April 9th, Kimberly Morris became our new Institutional Biological Safety Officer. Kimberly began work here in 2003 as a *student* Radiation Safety Technician, then on to Radiation Safety Technician.

Kimberly commutes daily from rural Greenville, Ohio! In 2005, Kimberly earned her Bachelor of Science in Environmental Sciences, and became an Environmental Compliance Specialist in 2006. Kimberly is currently a graduate student of Microbiology & Immunology, as well as a full time employee. She will be responsible for the safe usage and/or control of biological materials here on campus, and will serve on the Institutional Biological Safety Committee.

Joe Becomes Certified:

Joe Whitlock, Manager of Occupational Safety and Health in EHS, recently completed all requirements for certification as a Certified Safety Professional (CSP). This highly respected certification is awarded to individuals who meet academic standards, satisfy professional safety experience requirements, and have passed two rigorous examinations (five and five and a half hours per examination). The examinations cover engineering and management aspects of safety, applied sciences, legal and regulatory matters, professional affairs and ethics, and other safety related topics.

Please join the EHS staff in congratulating Joe on this honor, recognizing the hard work he has put forth to become a CSP. Way to go Joe!!

Most Frequently Cited OSHA Standards

The following were recently announced by OSHA as the top 10 most frequently cited standards in fiscal year 2006 (October 2005 through September 2006). We have attempted to identify those jobs or tasks on campus that may be covered by these standards. If you or your staff are performing any of these jobs please contact EHS to ensure standard operating procedures meet OSHA regulations and that proper training is received. We can help you do your job safely and maintain compliance with applicable safety and health rules.

1. **Scaffolding, general requirements, construction.** Scaffolding is used by both our painters and trades in the physical plant. In addition, scaffolding platforms are erected and used in our many summer camps held each year at WSU. Construction workers or contractors working at WSU are also required to work from scaffolding safely. ([29 CFR 1926.451](#))
2. **Fall protection, construction.** Trades, CaTS, and Nutter Center employees need to know this one by heart whether they are working on ladders, platforms, or roof tops. BUT, use of 3-point contact when ascending/descending stairs, properly installed guard rails, and load limits are a must know for everyone. ([29 CFR 1926.501](#))
3. **Hazard communication stan-**

dard, general industry. All WSU personnel should know how to access a Material Safety Data Sheet (MSDS) to locate information to do their job safely whether working in research, teaching, or support roles. ([29 CFR 1910.1200](#))

4. **Respiratory protection, general industry.** For those employees where engineering controls are not feasible. Respirators provide additional protection when working around ammonia, chlorine gas, particulates, or even in emergency response. Knowing how to use them and ensuring they properly fit is a priority. ([29 CFR 1910.134](#))

5. **Control of hazardous energy (lockout/tagout), general industry.** For authorized employees required to work in the "point of operation". Lock out is an employee's first line of defense when servicing or adjusting equipment and where protection is needed from electrical, mechanical, chemical, potential, kinetic, radioactive, or other energy forms. ([29 CFR 1910.147](#))

6. **Powered industrial trucks, general industry.** Anyone on a lift truck or related vehicle needs to know the basics. You cannot operate a lift truck unless you have been trained and certified. ([29 CFR 1910.178](#))

7. **Electrical, wiring methods, components and equipment, general industry.** All trades working

with electrical components should follow basic precautions, wear PPE, and know the arc flash requirements to stay protected. Electricians are responsible for following electrical code while the rest of us need to know how to use temporary wiring and power strips. Never, never block electrical panels OR overload circuits. ([29 CFR 1910.305](#))

8. **Machines, general requirements, general industry.** Guarding equipment is effective and safe only if the guards are in place. Removed or missing guards cannot protect you after you are hurt. ([29 CFR 1910.212](#))

9. **Ladders, construction.** Anyone working on ladders needs to know Fall Hazard Basics. Ladders are made for the job at hand; otherwise, gravity will get you every time!! ([29 CFR 1926.1053](#))

10. **Electrical systems design, general requirements, general industry.** The NFPA 70 Arc Flash standard will keep electricians protected with special rated clothing, tools, and approach distances. While non-electricians shall stay away from electrical sources and follow the safe approach distances. And again NEVER BLOCK ELECTRICAL PANELS. ([29 CFR 1910.303](#))

11.

Contact Joe Whitlock, extension 4131 with any questions or to arrange for training.

EH&S Salutes Our Student Workers!

In recognition of the recent National Student Employment week, the full time staff of EH&S would like to recognize our student employees.

Tracy Wood is our Clerical Assistant III. Tracy is a Freshman here at Wright State and is from Beavercreek. Tracy has many duties in our office, including ordering of supplies, updating the Chemical Inventory database, as well as updating MSDS databases.

Shingirai Tichagwa, better known as "Shingi", is our Environmental Compliance Technician. Shingi is a Senior here and is from Harare, Zimbabwe. Shingi does a lot of footwork for our office, which includes the pick up around campus of various infectious waste, as well as evaluation of storm water outfalls around campus. Shingi also takes weekly water samples around campus and sends them out to a lab for analysis.

Curtis Taylor is our Radiation Safety Technician. Curtis is in his third year at Wright State and is from the Riverside area. Curtis performs surveys for radioactive contamination in laboratories, and performs survey meter calibrations. Curtis also assists the Radiation Safety Officer with laboratory audits, leak tests of sealed sources, and inventorying of radiation sources.

Thank you Tracy, Shingi and Curtis for all of your hard work!

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We're on the Web!

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C. Tom Dyer	Environmental Compliance Specialist	X 3788	Hazardous & Infectious Waste, Free Chemical Program, Drinking Water Analysis, Environmental Compliance
Ron Hamilton	Industrial Hygienist	X 3810	OSHA Support Services, Asbestos, Contractor Safety & Health
Dramane Konate	Radiation Safety Officer	X 2169	Radiation Safety and Laser Safety
Greg Merkle	Sr. Industrial Hygienist	X2217	OSHA Laboratories, Fire / Life Safety
Kimberly Morris	Institutional Biological Safety Officer	X 2623	Biological Safety
Terri Thompson	Sr. Industrial Hygienist	X 2797	Chemical Hygiene Officer, OSHA Laboratories, HAZWOPER training
Joe Whitlock	Manager, Occupational Safety & Health	X 4131	Occupational Safety & Health Program Management, Administration and Training