

Safety Watch

A Technical Newsletter

Indiana University American Society of Safety Engineers Student Section

IU Safety Program Forms Partnership With Liberty Mutual Group

December 30, 2015
Volume 3, Issue 2

IU ASSE Student Section was proud to host Karissa Henley, and David Elefante, regional manager for the Liberty Mutual Group. Liberty Mutual offers a unique risk control internship program and employment opportunities where students gain valuable experience by developing professional skills through hands-on experience. The program combines online, classroom, and hands on training to prepare students for the unique profession of safety and risk consulting. David Elefante discussed other opportunities and benefits associated with



their loss control program. Some notable benefits are competitive salaries, relocation assistance and a company car. There are some basic qualifications that must be met. They include majoring in the field of EHS, at least a 3.0 GPA for undergrads or 3.5 for graduate student, involvement in service activities. For additional information check out Liberty their company website.

www.libertymutualcampus.com

2016 Spring ASSE Meetings

Location: School of Public Health (Room 125)

January 11, 2016	(4:00 p.m-6:00 p.m.)
February 8, 2016	(4:00 p.m-6:00 p.m.)
March 7, 2016	(4:00 p.m-6:00 p.m.)
April 11, 2016	(4:00 p.m-6:00 p.m.)

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Central Indiana ASSE President Speaks to IU Students



Monday, November 9, 2015 our student section had the pleasure of hosting Central Indiana ASSE Board President and safety representative for Milestone Contractors LP, Christina Merriott. Christina began her career as an estimator for MC, and then transitioned into a safety role five years later. The presentation stressed the importance of having certificates from the Board of Certified Safety Professionals (BCSP) at the professional level, which in some cases can be just as valuable as a college degree. She also noted that the certifications are becoming a standard requirement in the job field. She also spoke about the importance of networking, and volunteering in the competitive

field of safety. ASSE membership allows students to attend conferences, have access to mentors, network beyond campus, and obtain professional development. I have had the opportunity to attend both state and national safety conferences, and I can attest to the value experience they provide conference participants. In closing, Ms. Merriot encouraged students to attend the American Society of Safety Engineers Central Indiana Safety Conference taking place March 21st -23rd in Indianapolis IN. The conference will be a great

opportunity to network and gain valuable knowledge in the field of occupational health and safety.

By: Robert Hollins

***Student Volunteers needed
for the ASSE Central Indiana
Safety Conference
March 21st -23rd***



Edge Eyewear Optical Safety Training

By Nicholas Zaberdac



Visualize Performance

Edge Eyewear is a state of the art eyewear safety company based out of Utah. Indiana University students had the pleasure of attending a safety workshop presented by Neil Powell, an Edge eye wear representative. Students received great training, certificate of participation and a free pair of safety glasses. The certification workshop included the following objectives: To provide an understanding of ANSI standards relating to safety eyewear and to educate individuals on the major myths vs. facts pertaining to safety eyewear. The training tutorial was based of ANSI Z87.1+2010, which is a test for minimum performance measure for eyewear protection. Edge eyewear was tested at ICS Laboratories INC against the ANSI Z87.1+2010 standard, where it excelled against the likes of other brands in the

industry. The Safety eyewear passed many impact tests including, high mass impact, high velocity impact and penetration test and looked flawless after all three tests. The brand also passed all optical test including luminous transmission, refractive power and resolving power test associated with ANSI standards.

Mr. Powell gave great training and great advice to all the future safety professionals



According to OSHA, every day an estimated 1,000 eye injuries occur in American workplaces. The financial cost of these injuries is enormous--more than \$300 million per year. No dollar figure can reflect the personal toll these accidents take on the injured workers.

in the room. "Trust nothing.... always ask for proof". And "just because it says ANSI certified on the glasses doesn't always mean its safe and comfortable to wear". I am a firm believer in Edge Eye wear, but don't take my work for it, try it for yourself. At the end of the tutorial students received a free pair of glasses and the ANSI Z87.1+ 2010 safety eyewear training certification proudly presented by Edge Safety Eyewear.

On behalf of Indiana University, and the American Society of Safety Engineers IU Chapter we would like to thank Edge Eyewear and Mr. Blank for taking the time out to provide such a great training session for students and faculty.

Student Safety Internship Presentations



Jake Norris and Emily Siler completed their internship requirement by giving a formal presentation student section members and faculty in November 2015.

During our November meeting, two current students gave a formal internship presentation. The first presenter was Emily Siler, interned at the Bloomington Meadows Mental Hospital. She provided advice for students looking for internships opportunities. More importantly, Emily suggested students should “be confident in interviews, and take advantage of all the resume workshops, networking opportunities and mock interviews offered to you at conferences and at IU’s career services”.

The next presenter was Jacob Norris. Jacob interned for Bowen Engineering LLC., Bowen Engineering completed Indianapolis’s newest wastewater treatment plant. Jacob encouraged students to “apply early and often, use your resources, like the ASSE listserv, and use internet sites like Indeed.com to find opportunities for internships”. “And lastly, more is better, meaning apply for as many internships as you can.” Both students are expected to graduate in December 2015.

Community Food Donation

The IU ASSE Student Section collected food for the local Salvation Army located on 111 North Rogers Street Bloomington, IN. This fall the IU Safety collected 40 pounds of can food and dried food items for the holiday season. We would like to thank the IU campus community for their generous contributions



IU Safety Students Tour \$215 million Dollar Indianapolis Deep Rock Tunneling Project



Have you ever been dropped from a crane more than 250 feet below the earth's surface? Does this sound like fun to you? On Friday, November 13, 2015 the IU ASSE Student Section participated in a site tour of the J.F Shea Co., Inc. tunneling project. The tunneling project was designed to collect and store waste water run-off from overloaded sewers in the city of Indianapolis. Students viewed a video of how the tunnel was formed, and briefed on the responsibilities of the safety specialist, site layout, and entry points. The tour allowed our group to travel underground via crane to see the region's most expensive and longest underground tunneling project. Touring the site and being around underground construction was a new and exciting experience for students. The tour provided a first-hand look at the safety measures and engineering associated underground construction. Special thanks to Kyle Shickles and Stuart Lipofsky for making this tour possible.

Safety Students Attend the National ASSE Future Leaders in Safety Conference



(Willie Sease, Chris Herbert, Dr. Kevin Slates, Nicholas Zaberdac, Robert Hollins, Taylor Smith)

IU students attended the American Society of Safety Engineers Future Leaders Conference November 5-6, 2015. The two-day invitation only conference was designed exclusively to prepare students for employment as a safety, health & environmental professionals. The schedule included educational sessions, networking opportunities, and professional development strategies. Congratulations to the students who were selected to attend!



New Faculty Makes Big Contributions to the Occupational Safety and Health Program



Faculty Spotlight – *Dr. Todd Smith*

I began my career in the safety field after I completed my Master of Science in Safety Management degree at West Virginia University in 1995. That summer, I started working as a safety consultant for a small safety consulting company out of Columbia, South Carolina, while living in Wilmington, North Carolina. The next spring, I took a position in Chapel Hill, NC with RISCORP (a company out of Sarasota, FL), which was soon purchased by Zenith Insurance Company. I worked for Zenith Insurance full time as a safety consultant in North Carolina until 2006. In August of 2006, I started my doctoral degree at the University of Georgia, College of Public Health. At UGA, I taught occupational safety and health and injury prevention courses. I was also a graduate research assistant within the Workplace Health Group working on large research projects with Dow Chemical and Union Pacific Railroad and on various firefighter safety projects. I continued to work part-time for Zenith Insurance as a safety consultant until 2009. I graduated with my doctorate from the University of Georgia in 2010. I took a position as an Assistant Professor with Embry-Riddle Aeronautical University. Once on board, I became the Program Chair for the Master of Science in Occupational Safety Management Program, which we began developing in 2010. We started enrolling students in 2012. I led that program until the summer of 2015. I started here at IU-Bloomington in the safety unit in August 2015.

What made you decide to enter the safety, health and environmental (SH&E) profession?

I wanted a career where I could help people. As an undergraduate student, I majored in Exercise Physiology and at that time thought I wanted to go to PT school after I graduated with my undergraduate degree. I started volunteering at West Virginia University Hospitals and worked in acute care and in outpatient clinics. As I was working with patients, mostly at the outpatient clinics, I discovered many of them were being treated for work-related injuries. This is when I first started thinking about the prevention of injuries as a career versus treatment and rehabilitation. I began to look at jobs in the safety field and decided to pursue a degree that would give me an opportunity to pursue a career in the field. During my senior year I decided that I was going to start the MS in Safety Management program at WVU after I graduated so that I could pursue a position in the safety field.

How do you keep pace with changing safety standards and regulations while still meeting students' learning needs?

I keep up with changing safety standards and regulations through safety-related news sources, trade publications, by accessing OSHA publications and documents, OSHA's social media resources and through attending professional meetings and conferences. In a broader perspective, technology, programs, safety strategies, etc. can change more frequently and much faster than standards and regulations. For this information, I again rely on various safety-related organizations, conferences, trade publications, etc. but also rely on the scholarly literature in our field. Safety professionals must use scholarly literature and empirical evidence to guide their work. Ultimately, this information is disseminated to students to bolster their learning and to meet their development needs. By the way, a good resource to keep up with the current literature in safety is SafetyLit. You can register for their weekly updates here: <http://www.safetylit.org/lists/index.php>.

What are your areas of SH&E research?

My areas of research are in safety management, safety climate, psychosocial and organizational factor influences on safety outcomes and occupational injury prevention and control. A significant amount of my work over the past 7 years has focused on firefighter safety and health. Currently, I'm finishing up a FEMA-supported study that is examining safety climate in the fire service. I've also been doing work in the areas of firefighter stress, firefighter burnout, safety leadership development in the fire service and work associated with aircraft rescue and firefighting.

What advice do you have for those who are interested in pursuing a career in the SH&E profession?

A career in safety is a great choice. It is extremely rewarding. One key point is that you should never stop learning. Network with experienced professionals; attend safety conferences, symposiums and meetings; participate in ASSE meetings, workshops and educational sessions; work with your professors on applied and research projects; read trade publications, scholarly safety journals and news related to safety; pursue an advanced degree, certifications, designations and/or other courses; and, learn as much as you can about business. These things will make you more marketable if you plan to pursue a career in the SH&E field and they will put you at the top of the field once you are employed.

Student Spotlight

Name: Reilly Donovan

Year in school: Sophomore

Hometown: Bloomington, IN



What brought you to the safety program?

I was undecided on my major, my mom served on the safety committee for Otis Elevator so she suggested looking into safety and environmental health. After doing well in my first safety course, I decided to stick with the program and make this my major.

What do you want to do with your degree? (What industry are you interested in?)

I am undecided as to what field I would like to work in. I'm currently leaning toward the healthcare sector; I think working in a hospital atmosphere would be interesting. There would always be something going on, and never a dull moment. Whatever industry I go into, I know I want to be located in Nashville, Tennessee.

What do you find most interesting about the Safety program at Indiana University?

I think it is interesting how close everyone in the program is. Most of the classes I'm in have the same students, so it's nice having a familiar face in class. Also, the professors are very good at creating professional relationships with their students. Often professors separate themselves from students, however in this program, the professors are always willing to help students.

What has been your favorite safety class so far?

I would have to say Legal Aspects of Safety has probably taught me the most. I even let my mom use the textbook when she has a question on how she should handle situations with her employees.

What are your hobbies or what do you like to do in your free time?

In my free time I like to hang out with my friends and family, and of course go shopping. I enjoy spending time outdoors, mostly fishing. Also, I enjoy competing in pageants and singing.



Newsletter Contributions

Dr. Kevin Slates – **Editor**

Willie Sease – **President**

Nick Zaberdac – **Vice President**

Robert Hollins – **Secretary**

Max Herr – **Treasurer**

Chris Herbert – **Associate Editor**

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Safety Question: What is the average salary of a Certified Safety Professional (CSP)?

- a. \$75,000
- b. \$107,700
- c. \$62,000
- d. 54,000

Like us on Facebook
<https://www.facebook.com/groups/480348595317750/?fref=nf>

*b (BCSP source)

Safety Related Announcements

- **Student Volunteers Needed** for the Indiana Safety and Health Conference March 21st -23rd in Indianapolis IN.
Contact Christina Merriott
Christina.Merriott@milestonelp.com
- **RMS is seeking safety internship opportunities**
Contact Michael at www.rms.com
- **J.F. Shea Construction internship opportunity**
Contact Kyle: kyle.shickles@jfshea.com
- **Ameri-Kart EHS internship opportunity**
Contact Miriam George, HR Manager
mgeorge@myersind.com

Student Section Spring 2016 Meeting Dates

Location: School of Public Health (Room 125)

January 11, 2016	(4:00 p.m-6:00 p.m.)
February 8, 2016	(4:00 p.m-6:00 p.m.)
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