



**American Society of Safety Engineers
 Indiana University Student Section
 2017-2018 Outstanding Student Section Application**



Outstanding Student Section Award Application 2017-2018

Student Section Information

Application Date (No later than April 1, 2018): **(04/01/2018)**

Activity Dates: **April 1, 2017- March 31, 2018**

Student Section Name: **Indiana University Student Section**

Parent Chapter: **Central Indiana Chapter**

Faculty Advisor: **Dr. Kevin Slates, CSP**

Number of students pursuing an academic degree in safety or another safety related discipline: **B.S Safety; 58 Waitlisted; 8 M.S. Safety Management 15**

Number of Student Section Members: **47**

Names and titles of Student Section officers and leaders

Name	Title
Reilly Donovan	President
Anthony Smith	Vice President
Isabella Byers	Treasurer
Megan Barnes (Fall) Graham Turner (Spring)	Secretary
Graham Turner	Newsletter Editor
Anthony Smith	Research Project Chairman

Contact Information

We attest that the information provided in this application is a true representation of the Student Section activities for the period specified.



Signature – Student Section President



Signature – Faculty Advisor

Student Section Address:

Indiana University

School of Public Health-Bloomington

1025 E. 7th Street, SPH Room 116
Bloomington, IN 47405

Phone Number:

812-855-3627

Annual Minimum Requirements

*If Student Section fails to include evidence for each annual minimum requirement the application will not be considered by the OSSA evaluation committee.

Check off	Annual Minimum Requirements
X	Attach at least four newsletters published by Student Section to the appendices. If Section uses social media in place of newsletters, please include several screenshots/printout examples. Social media postings should include more than just announcements and should instead be an informative educational tool. These social media postings should occur regularly. Section updates in the parent Chapter's newsletter and general emails do not count towards this requirement.
X	Include dates of attendance and subject matter of a <u>minimum</u> of 2 parent-chapter hosted General Membership or Executive Committee meetings attended by a Student Section representative within the academic year.
X	Include at least 6 Section meetings, with 4 being of technical content, held by the Section within the academic year. The definition of "technical" in this context is a process or procedure directly relating to OSH practice (social gatherings, resume building, interviewing skills, recruiting, employment, and other soft skills would not be considered "technical" in this context). Please include a brief one sentence description outlining the content of each meeting. A meeting may only be counted once in the totals. Please note the 2017-2018 award only includes activity from April 1, 2017–March 31, 2018.
X	Attach faculty advisor letter of support or recommendation to the appendices.
X	Include at least one community or campus activity sponsored or participated in by the Student Section in Judging Criteria 3.0.

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Judging Criteria

1.0 Professional Development and Enhancement

1.1 Parent-chapter hosted general membership or executive committee meetings attended by Student Section representative(s). There must be a minimum two meetings in this section.

Meeting Date	Topic	Speaker	Student Section Representative(s)
12/08/2017	Fall Protection	Shawn Cherri	5 (13.51%) during class time for most students
01/19/2018	Technical Tour of 3M	Mark Frye	2 (5.41%) during class time for most students
02/16/2018	Technical Tour of Cintas	Jason Hill	4 (10.81%) during class time for most students
03/13/2018	Indiana Safety and Health Conference and Expo	Central Indiana ASSE	6 (16.22%) During IU Spring Break
04/20/2018	IU Student Section OSSA Project	IU student section officers	4 (10.81%) During class time for most students

1.2 Technical meetings (examples include: risk assessment, ergonomics, site tours, etc.). The definition of “technical” in this context is a process or procedure directly relating to OSH practice (social gatherings, resume building, interviewing skills, recruiting, employment, and other soft skills would not be considered “technical” in this context). There must be a minimum of four meetings in this section. This table must be completed in its entirety for it to qualify for the award.

Meeting Date	Topic	Speaker	Brief one sentence description outlining the content of the meeting	# of Section Members in Attendance
09/11/17	The Waste and Recycling Industry	Derek Rainbolt Rumpke Waste and Recycling	Derek Rainbolt shared insights on the waste and recycling industry, what types of hazards occur in this industry, what to expect as an EHS professional in this industry.	21 (56.76%)

10/23/17	Medical Devices and Ergonomics	John Radecki Cook Medical	John Radecki discussed his current position as team leader and EHS Engineer with a medical device manufacturing company.	22 (59.46%)
11/04/17	Site Tour: Cummins Midrange Engine Plant Columbus, IN	Steve Ryan, Jacob Barber Cummins Engines	Both graduate and undergraduate safety students were able to tour one of Cummins engine-manufacturing facilities.	17 (45.95%) Limited number of spaces on tour
11/13/17	IOSHA	Julie Alexander IOSHA	Representatives from Indiana OSHA under the Indiana Department of Labor, presented students with an idea of what OSHA regulators day-to-day jobs look like, from paperwork, to inspections.	25 (67.57%)
12/04/17	Indiana University Environmental Health and Safety	Graham McKeen Indiana University EHS	Graham McKeen the interim director for the IU Environmental Health and Safety Department discussed the roles and responsibilities of a universities EHS program and department.	18 (48.65%)
01/18/18	From student to professional: A look at my job with the GM foundry	Lucas Letner General Motors	Luc Letner a 2017 IU safety program graduate presented students with his lessons on transitioning from student to professional.	15 (40.54%)
02/15/18	Indianapolis Deep Tunnel Project-Update	Kyle Schickles J.F. Shea Construction	Safety representative Kyle Schickles with J. F. Shea Construction discussed the progress of the multi-year construction of the Deep Tunnel project in	12 (32.43%)

			Indianapolis.	
03/02/18	Site Tour: Ernie Pyle Renovation Bloomington, IN	Gino Martino Weddle Brothers Construction	Student section members from the graduate and undergraduate safety programs toured the renovation of a building on IU's campus.	7 (18.92%) Limited space on tour
03/08/18	Tips for success upon graduation	Willie Sease Stratas Foods	Willie Sease spoke to the student section about his career as a safety professional so far. Willie also discussed tips he believes will help students once they become young safety professionals.	18 (48.65%) *Thursday prior to Spring Break week

1.3 Other meetings (examples include: interviewing and networking skills, Student Section planning or social gatherings). Please list all local/national ASSE professional development conferences, including the Future Safety Leaders Conference, here.

Meeting Date	Topic	Speaker	Brief one sentence description outlining the content of the meeting	# of Section Members in Attendance
10/04	Edge Eyewear ANSI Z87.1+ Certification Workshop	Neil Powell Edge Eyewear	Neil Powell from Edge Eyewear conducted an ANSI Z87.1+ Certification interactive workshop, with quizzes, and demonstrations.	17 (45.95%)
11/7-11/8	Future Safety Leaders Conference	ASSE	Students attended a two day conference held by ASSE. Students listened to speakers, had mock interviews, and resume critiques.	8 (21.62%) Limited number of students allowed
1/27	IU ASSE Social	N/A	Graduate, undergraduate, and former IU safety students held a social get together to hang out and get to know	13 (35.14%)

			each other better.	
3/13-3/15	Indiana Safety and Health Conference and Expo	Central Indiana ASSE, Indiana Chamber of Commerce	Students attended this two day conference and expo where many industry professionals lectured on Environmental Health and Occupational Safety topics.	6 (16.22%) During IU Spring Break

2.0 Section-Sponsored Research and Applications - please indicate how many Student Section members participated in each project (Appendix C)

Our student section established a research subcommittee prior to beginning the study. The research subcommittee met on several occasions to plan and coordinate the study. Anthony Smith was selected at committee chair. Minutes were taken at each research committee meeting. Committee updates were disseminated at student section meetings and through announcements in newsletters. A total of 7 student members, 1 staff (Bruce Bare) and 2 faculty (Drs. Slates, Smith) participated in the study.

2.1 As a result of recent national concerns regarding emergency preparedness, the IU student section decided to select a research project on emergency preparedness and business continuity. Our goal was to assist IU laboratory spaces to examine existing needs or gaps in preparedness and manage the risk through education and planning. Our student section research project examined IU School of Public Health business continuity and emergency preparedness of laboratory spaces. 10 laboratory spaces participated in the study. A 19 item questionnaire was administered electronically to determine gaps in the level of preparedness and response. The study also examined infrastructure needs, plans to address data loss, technological needs and natural and manmade disaster preparedness. It is our intent to submit an abstract proposal to the next ASSE PDC in 2019.

Study Outcomes: The outcomes of the emergency preparedness and business continuity research has merit and applicability for emergency preparedness in a school setting and will ensure that laboratory can continue to operate in the event of an emergency. Our goal was to assist IU laboratory spaces to examine existing need or gaps in preparedness and manage the risk through education and planning. We hope to encourage lab spaces to develop written policies and procedures to prepare for some of the most risks such data loss and storage issues, natural disasters, and conduct first aid training. It's important to note that a business continuity plan will permit organizations, in particular laboratory spaces to continue to conduct research and teaching activities in the untimely event of an emergency.

2.2 A technical report was created to disseminate study findings with the IU School of Public Health's Department of Risk Management. The student section is scheduled to provide a formal presentation at the April 20, 2018 Central Indiana ASSE meeting.

3.0 Community Involvement - please indicate how many Student Section members

participated in each activity (Appendix I)

3.1 *Section-sponsored community activities (Section-sponsored is defined as activities initiated, planned and executed by the Student Section):*

3.1.1 Winter Canned Food Drive

Our ASSE student chapter held a canned food drive during the months of November and December. All of the food collected was donated to Mother Hubbard's Cupboard, a local nonprofit organization that distributes food to the less fortunate to help combat hunger in Monroe County. Over 40 lbs of food were collected and Mother Hubbard's Cupboard was very appreciative of our contributions. Donations were collected during our November and December student section meetings and donations could be dropped off in the lobby of the School of Public Health continuously. This allowed not only ASSE members to donate, but anyone who entered the School of Public Health. **(4 students set up food drive, the number of donors is unknown.)**

3.1.2 Winter Coat Drive

The Indiana University ASSE student section also held a winter coat drive during the months of January and February. Winters in Indiana can be extremely cold, so the student section thought this would be a great way to give back to the less fortunate, while also cleaning out our closets before spring began. A donation box was placed in the lobby of the School of Public Health, which allowed student section members, as well as other patrons of the school to donate gently used coats. The coats were donated to the local Salvation Army. **(4 students set up the coat drive, the number of donors is unknown.)**

3.2 *Section-sponsored campus activities (Section-sponsored is defined as activities initiated, planned and executed by the Student Section):*

3.2.1 Informational Flyer

Indiana University ASSE student section President Reilly Donovan created an informational flyer for students with "Tips for Spring Break Trips" prior to Spring Break occurring. The flyer was distributed to various campus buildings as well as bulletins around campus. The flyer outlined issues students commonly forget while on vacation during spring break. Issues including reapplying sunscreen, remembering to hydrate with water, always travel in groups. **(1 student section member created flyer.)**

3.2.2 Bulletin Board

IU ASSE has its own bulletin board located on the ground floor of the School of Public Health, nearest the safety classrooms. On the bulletin board, the secretary posts items such as meeting announcements, internship and job postings, and upcoming tours. **(1 student section officer manages the board.)**

3.2.3 50/50 Raffle

The IU ASSE student section will hold its 2nd annual 50/50 raffle to benefit the Make-A-Wish Foundation on April 13th. This raffle will be held on campus where students can spend \$1 per ticket to be entered to win 50% of the money raised, and the other 50% will be donated to the Make-A-Wish Foundation. **(6 student section members will volunteer.)**

3.2.4 Membership Benefits Presentation

IU ASSE student section President Reilly Donovan sent potential safety majors, and ASSE members the ASSE student member benefits PowerPoint throughout the academic year in an effort to recruit more students to join the student section. **(1 student section officer sent the presentation.)**

3.3 Section participation in community activities:

3.3.1 Indiana University booth for M.S. in Safety Management and B.S. Safety Science at the Indiana Safety and Health Conference & Expo

ASSE members Graham Turner, Natalia Walker, Kelsie Finch, Reilly Donovan, Isabella Byers and Seth Wagner all attended the Indiana Safety and Health Conference & Expo. The Indiana University Safety program in the School of Public Health was a sponsor of the Safety and Health Conference and also an exhibitor. Student section members stopped by the booth periodically throughout the day to assist with speaking about the safety program at Indiana University. **(6 student section members participated.)**

3.4 Section participation in campus activities:

3.4.1 Panel Discussion on Safety Management and the Law

IU hosted a seminar on April 14, 2017 on the topic of The Legal Aspects of Safety Management. IU ASSE student section liaison Dr. Al Capuano served as the moderator for this event. The panel style discussion included experts Greg Dale, a Law Partner with Faegre Baker Daniels, and Dr. Steve Smith a Fellow of the American College of Occupational and Environmental Medicine. The seminar explored common pitfalls that lead to company and personal liability, increased workers' compensation costs, third party liability, and other litigation. **(14 student section members attended this seminar.)**

3.4.2 School of Public Health Safety Career Expo

Student section members attended the School of Public Health Safety Career Expo at the beginning of the semester to interact with potential employers, or to speak with companies in search of internships. This event was open to any School of Public Health student interested in starting a career in Public Health or Safety. **(10 student section members attended the expo.)**

3.4.3 Public Health, Safety, and Social Services Career Fair

IU ASSE student section members attended the Public Health, Safety, and Social Services Career Fair hosted by the School of Public Health to speak with safety representatives, learn more about various companies looking for safety professionals upon graduation. This career fair was open to any student studying Public Health, Safety, or Social Work. **(15 student section members attended this career fair.)**

3.4.4 US Public Health Services Recruitment Event

Student section members participated in a recruitment event hosted by the School of Public Health in conjunction with US Public Health Services. This recruitment event discussed the profession of Environmental Health Officers. Attendees were welcomed to give resumes and cover letters if the position of Environmental Health Officer intrigued them. This recruitment was open to all students at IU interested in the position of Environmental Health Officer. **(8 IU ASSE members attended this recruiting event.)**

3.4.5 Protective Services Informational Session/Interviews

Protective Services, a loss control company hosted an informational session at Indiana University. Participants learned of what the company does, what to expect as a loss control consultant, as well as they were provided with an opportunity to turn in resumes and cover letters with company representatives. The company then selected individuals to interview for a loss control consultant. This event was open to all School of Public Health students. **(5 ASSE members attended this informational session.)**

3.4.6 Little 500 Tip Flyer

Student section President Reilly Donovan worked alongside an Indiana University Police officer to create a tip sheet for the Little 500 bicycle race for students. The Little 500 race is the largest collegiate bike race in history and over 25,000 fans flock to Bloomington for the week leading up to the race. With an additional 25,000 people entering the city, safety for students is extremely important. **(1 student section member created flyer, 1 officer assisted)**

3.5 Section engagement with and/or support of the ASSE Foundation:

3.5.1 Scholarships

Former IU ASSE student section members Tanner Warner and Lucas Letner received scholarships from the ASSE Foundation totaling \$4000 in April 2017. In May 2017, Tramaine Brooks, former student section member and alumni received the IU School of Public Health Ron Hall Safety Scholarship in the amount of \$2,000. Most recently (March 28, 2018), Aurora Le, PhD, Safety Student received the ASSE Foundation Diversity Scholarship in the amount of \$1,000, student section President Reilly Donovan received the Jim Kriner Memorial Scholarship totaling \$1000, and Carolyn Moore received the ACIG Scholarship in the amount of \$2500. Undergraduate students Carolyn Moore, student section President Reilly Donovan, and student section Treasurer Isabella Byers received scholarship from the Central Indiana Annual Golf Scholarships totaling \$2000. These scholarships helped both members transition from students to safety professionals. **(7 student section members received scholarships)**

3.5.2 Future Safety Leaders Conference

Students who have attended the Future Safety Leaders Conference can attest to the hard work and dedication the ASSE Foundation puts in to the conference making sure future safety leaders have all of the resources needed to help them achieve academic goals, and seek future employment.

IU ASSE members have spoken with ASSE Foundation board members while at the Future Safety Leaders Conference asking what they can do to help stand out amongst other scholarship applicants. **(8 student section members attended)**

3.5.3 ASSE Foundation Testimonial

Robert Hollins, IU Safety Program Alumni wrote a testimonial article published in the most recent edition of the IU Safety Watch Newsletter expressing his gratitude for the ASSE Foundation Scholarship he received in 2016. He also discussed his gratitude to the foundation's support of the Future Leaders in Safety Conference which he attended **(see [Safety Watch Newsletter volume X, issue X](#)).**

3.5.4 On March 19, 2018, an Indiana University ASSE Student Section Listserv announcement

was distributed to students, faculty and program alumni. The announcement acknowledged the generous support of the foundation and also encouraged subscribers to consider making a donation.

4.0 Recognition

2016-2017 student section officer, Tanner Warner, was awarded a \$1,000 2017 ASSE Foundation Scholarship. Tanner is a graduate of the safety program at IU, and served as the student section spring semester Vice President for the 2016-2017 school year.

Lucas Letner, IU safety graduate, received a 2017 ASSE Foundation scholarship in the amount of \$3,000. Lucas served as the fall semester 2016-2017 student section Secretary.

The award received for winning the Student Section of the Year Award for the 2015-2016 calendar year was then turned into a scholarship for a handful of the student section members. Student section officers, Nicholas Zaberdac, and Reilly Donovan were among the students to receive a scholarship. Student section members, Brittany Lester and Isabella Byers, also received scholarships. The OSSA Scholarship was split equally between the four recipients, each receiving \$1000.

The student section had three members receive scholarships from Central Indiana ASSE for 2018. Student Section Officers, Reilly Donovan and Isabella Byers both received 2018 Future Leaders Scholarships in the amount of \$500 and \$1000. Student section member, Carolyn Moore, received the 2018 CIASSE Golf Scholarship totaling \$500.

Indiana University student section liaison and adjunct safety professor, Dr. Alfred Capuano, was recognized at the 2018 Indiana Health and Safety Conference and Expo for being appointed as the Central Indiana ASSE Safety Professional of the Year.

Indiana University Student Section Faculty Advisor Dr. Kevin Slates was nominated for the ASSE Outstanding Educator Award.

Student members who were selected to attend the 2017 Future Safety Leaders Conference had their picture featured in the January issue of ASSE's Professional Safety Magazine.

Three student section members received scholarships from the ASSE Foundation for the 2017-2018 school year totaling \$4,500. These members included student section President Reilly Donovan, Carolyn Moore, and Aurora Le.

5.0 Student Section Participation

5.0.1 Membership

Currently, the student section is comprised of forty-seven members. There are thirty-five members who are undergraduate students, majoring in safety. Seven of the members are graduate students who are pursuing their Master's Degree in Safety. Lastly, there are five IU faculty student section members as well. The student section does not have any members that are non-safety majors. 64% of safety majors (undergraduate, and graduate) are ASSE members. We are hopeful the change in name from American Society of Safety Engineers to

American Society of Safety Professionals, will attract for safety students to join the chapter next year.

5.0.2 ASSE Student Roster

2017-2018 IU ASSE Student Section Roster	
Reilly Donovan	Chandler Creech
Isabella Byers	Adam Edwards
Brendan Massing	Rhett Parham
Victoria Wilcox	Charkia James
Abby Dillman	Graham Turner
Carolyn Moore	Gustan Gibbs
Anthony Smith	Jaron Le
Noah Fritts	Skyler Bowkamp
Stephen Doelling	Krista Airey
Natalia Walker	Steven Seiwert
Victoria Greene	Neil Ali
Tyler Hird	Dana Hildebrand
Evan Trabel	Brianna Frye
Michael Seiwert	Spencer Mattix
Bobby Pierce	Kelsie Finch
Dillon Knapp	Jake Gantman
Josh Ayres	Adlin Iskandar Zulkarnine
Jacob Ryan	Jasmine Murphy
Charles Meyers	Landyn McCormick
Tori Mallory	Lauren Koroluk
Derrick Kong	Caleb Johnson
Michael Jakubielski	

5.0.3 Percent ASSE Members at Events

See section 1 for attendance and percentages

6.0 Endorsements

This year the IU ASSE student section wanted to reach out to former members and former IU Safety Program graduates. Many of the alumni were excited to see the progress the student section has made, and were eager to share their experiences through endorsements of the chapter. These letters can be found in Appendix A.

Dr. Kevin Slates, CSP, Safety Program Chair at Indiana University, and IU Student Section Faculty Advisor

Dr. David Lohrmann, Professor and Chair of the Department of Applied Health Science at the School of Public Health, IU

Dr. Todd Smith, PhD, CSP, ARM, AIM, Safety Management Program Assistant Instructor at Indiana University

Chet Brandon, CSP, CHMM, President of the Central Indiana ASSE Chapter

John Radecki, CSP, Environmental Health and Safety Manager at Bastian Solutions

Lucas Letner, GSP, EMS Captain Indian Creek Firefighters, Safety Representative with General Motors

Willie Sease, M.S. , GSP, Health and Safety Coordinator with Stratas Foods LLC

Graham McKeen, Interim Director of Indiana University Environmental Health and Safety, Public Health Manager with IU EHS, Associate Instructor with Indiana University School of Public and Environmental Affairs (SPEA)

Bruce Bare, Risk Management and Emergency Preparedness Specialist, Indiana University School of Public Health

7.0 Other Support Documentation

7.1 Appendices

Appendix A	Letters of Support
Appendix B	Meeting Sign-in Sheets
Appendix C	Business Continuity Research Project
Appendix D	Newsletters & Social Media

Appendix E	Flyers
Appendix F	Certificates given to Technical Speakers
Appendix G	Foundation Support
Appendix H	Bylaws & CI ASSE Chapter Letter

Appendices

Appendix A

Letters of Support



**DEPARTMENT OF
APPLIED HEALTH SCIENCE**

INDIANA UNIVERSITY
School of Public Health
Bloomington

American Society of Safety Engineers
1800 E Oakton Street
Des Plaines, IL 60018

March 28, 2018

Re: ASSE Outstanding Student Section of the Year Award Endorsement

Dear Awards Committee Members

I am pleased and honored to endorse the Indiana University Student Section for the ASSE Outstanding Student Section of the Year Award. In my nine years as ASSE Student Section Faculty Advisor, this has clearly been one of the most enthusiastic and involved groups I've supervised. Over the past academic year 2017-2018, student section members have displayed great initiative and diligence with regard to providing high quality community service, professional development and learning opportunities for students. In particular, the group has planned, and coordinated monthly meetings, scheduled technical speakers from very diverse disciplines, participated in plant tours, and assisted in scheduling campus internship and employment interviews. It's important to note that all of the previously mentioned activities were intended to promote interactions between safety professionals and students. Moreover, their efforts have successfully encouraged social cooperation and interaction among students of safety and fostered student member development. The attached application does an excellent job of highlighting specific safety related service and learning opportunities conducted over the past year.

In conclusion, based on my observations and interactions as faculty advisor, I am certain the student section have made significant contributions to the advancement of the safety profession. The Indiana University administration and faculty strongly support the student section's Outstanding Student Section of the Year Award nomination.

Please contact me if you have any questions.

Sincerely,

Dr. Kevin Slates

Kevin Slates, Ed.D, MPA, CSP
Professor and Faculty Advisor

School of Public Health-Bloomington 1025 E. Seventh Street, HPER 116, Bloomington, IN 47405
(812)-855-3627 Fax (812)-855-3936



**DEPARTMENT OF
APPLIED HEALTH SCIENCE**

INDIANA UNIVERSITY
School of Public Health
Bloomington

March 20, 2018

Dear Outstanding Student Section Award Selection Committee,

As an Assistant Professor of Safety Management at Indiana University - Bloomington (IU) and as a proud Professional Member of the American Society of Safety Engineers, I am pleased and honored to write a letter of support on behalf of the IU ASSE Student Section for their OSSA application. As a faculty member at IU it is a great privilege and honor to support a strong application and a wonderful group of students.

The 2017-2018 IU ASSE Student Section is comprised of stellar students that are extremely deserving of the outstanding student section award. This group has been particularly dedicated to advancing an already strong student chapter. Strong student section leadership and contributing members across the group focused on helping all safety majors understand the benefits of ASSE membership, encouraged membership amongst peers and friends and strengthened the relationship between the student section and the Central Indiana Chapter of ASSE. In today's competitive academic environment, we often see students in other departments and programs constantly competing with their fellow students. In contrast, the students in our safety programs and especially within the ASSE student section, constantly assist and support their peers. This support is extended daily and includes, but is not limited to, helping others find internships, helping others find employment, helping with community service projects, volunteering to drive and carpool to site visits, conferences or events out of town and more. It is obvious that the members of the student section are altruistic, caring and empathetic. These same traits and characteristics will serve them well in the safety field in the future.

With regard to student section activities, the student section members held regular meetings incorporating presentations by safety professionals, participated in community outreach efforts, conducted a research project and regularly participated in the Central Indiana ASSE Chapter meetings and activities. Student section leadership and members participated in chapter meetings, participated in facility plant tours and assisted and supported the Indiana Safety and Health Conference and Expo. Student involvement and participation with the parent chapter was greater this year than in the previous three years. Additionally, this year the student section made a strong effort to reconnect with former student section members and graduates of the IU safety program. By reconnecting with former members and graduates, the current section members gained an understanding of what it meant to have a safety degree from IU and they garnered a better understanding of what to expect upon graduation and in their

School of Public Health-Bloomington 1025 E. Seventh Street, SPH 116, Bloomington, IN 47405



**DEPARTMENT OF
APPLIED HEALTH SCIENCE**

INDIANA UNIVERSITY
School of Public Health
Bloomington

careers. In true IU fashion, that emphasizes "fulfilling the promise," former IU student members and graduates supported current student members, offered internships and employment opportunities and provided career advice to members.

As I have indicated above, the IU Student ASSE Section accomplished much this year. They are an amazing group of students and I wholeheartedly recommend that the IU Student Section be considered for the outstanding student section award. Please let me know if you have any questions or if any additional information is needed. I can be reached via email at smithtod@indiana.edu or by phone at 812-856-4887.

Regards,

Todd D. Smith, PhD, CSP, ARM, AIM
Assistant Professor
Indiana University School of Public Health – Bloomington
Department of Applied Health Science
1025 E. 7th St., SPH Rm. 116
Bloomington, IN, 47405

School of Public Health-Bloomington 1025 E. Seventh Street, SPH 116, Bloomington, IN 47405

Wednesday, March 21, 2018

Dear ASSE Student Section Award Selection Committee:

I am writing you to express my support for the Indiana University ASSE Student Section as this year's Outstanding Student Section of the Year. As a past student member and current alumni of the Indiana University's Safety Program, I've experienced firsthand how valuable this student section is for students.

This past fall, I had the fantastic opportunity to return to my alma mater as a technical speaker for a student section meeting. The classroom was full of welcoming and engaged students and faculty. The students asked several great questions and were very interactive, which added to the value of my presentation tremendously. It was evident that the students are connected and feel comfortable amongst their peers. Their connection to each other is a testament to how active and well run the Indiana University Section is.

The faculty which help to organize the section were outstanding and very accommodating. I was presented with a certificate of recognition for my participation and was featured in their student section newsletter. I was very impressed with the content and detail of their newsletter.

I believe the Indiana University ASSE Student Section deserves the Outstanding Student Section of the Year Award for their dedication to helping students prepare for successful careers in safety by providing excellent professional networking and learning opportunities throughout the past year.

Sincerely,



John Radecki

EH&S Manager

Bastian Solutions

jradecki@bastiansolutions.com



General Motors Company
Bedford Casting Operations
105 GM Drive
Bedford, Indiana 47421

March 27, 2018

To Whom it May Concern:

I am writing this letter to express my support for the Indiana University chapter of the American Society of Safety Engineers. As a former member, IU-ASSE opened many pathways toward me being able to land a great career opportunity with General Motors after graduation.

While I was a student at IU, I attended every monthly ASSE meeting and truly enjoyed listening to numerous safety professionals from a wide variety of industries come and talk to us about what it is that they do, and how we can better ourselves as safety professionals. These presentations inspired me to try my best while I was a student at IU.

It was because of IU-ASSE that I was able to land my summer internship with Dow AgroSciences. It was because of IU-ASSE that I was able to be nominated to the Future Leaders of Safety Conference in the fall of 2016. It was because of IU-ASSE electing me to serve as chapter secretary that I was able to display leadership roles to my future employer. It was because of IU-ASSE that I was able to earn the Jim Kriner Memorial Scholarship, a \$3000 reward, the largest given out in the Central Indiana ASSE chapter.

For these opportunities that IU-ASSE has given me over the two short years that I was associated with them, it is only fair that I return the favor and express my full support that they be nominated for the ASSE Student Section of the Year Award.

Sincerely,

Lucas Letner

March 27, 2018

Student Section Awards Committee
American Society of Safety Engineers
520 N. Northwest Hwy
Park Ridge, IL 60068

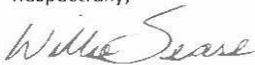
Dear Committee Members,

As an Environmental Health and Safety Coordinator and former Indiana University ASSE Student Section President, it gives me great pleasure to write a letter of support for the Indiana University American Society of Safety Engineers Student Section application for the Outstanding Student Section of the Year Award. On March 8th 2018, the section invited me to speak at their monthly student section meeting, the group actively listened to a summary of my responsibilities as an Environmental Health and Safety Coordinator in the manufacturing industry and my transition from student to safety professional. My presentation brought forth questions about ASSE, and how it has aided me in my career. I was impressed with the knowledge displayed by the students about ASSE and the safety profession.

The student section holds monthly meetings and plant tours throughout the academic school year to provide students with additional real life occupational health and safety exposure in various industries. During the monthly meetings, guest speakers are scheduled, updates on plant tours are given, and student internships are presented. The student section also invites employers to host company informational sessions to discuss employment opportunities. The student activities go beyond safety related events, during the holiday season the student section held a canned food drive to collect donations to take to a local food bank in Bloomington, Indiana. Several students also sacrificed their spring break to volunteer at the 2018 Indiana Safety and Health Conference in Indianapolis, Indiana. Serving as volunteers during the conference students had the opportunity to work at the registration desk, and serve as session moderators and greeters. Volunteering for the three day conference also allotted students the opportunity to attend the vendor expo, breakout sessions, and network with some of the industry's leading professionals.

In closing, I enthusiastically recommend that the Indiana University ASSE Student Section be considered for the Outstanding Student Section of the Year Award. If I can be of any further assistance in your review of this application, please feel free to contact me.

Respectfully,



Willie Sease, MS, GSP

EHS Coordinator



To: ASSE Outstanding Student Section of the Year Award Selection Committee

Date: March 26, 2018

Re: Support and recommendation for the Indiana University ASSE student section

As a risk management and safety professional I have been truly impressed by the dedication and quality of work by the student members of the IU ASSE. I have been to several of their meetings as a guest speaker, as well as having them help me with development of our business continuity plan (BCP).

They are very knowledgeable, self-starting and willing to help in whatever manner they are needed. Once given a task they require very little oversight and are very open to suggestions or modifications to planning. They have been a very valuable asset in my role in safety and emergency management for the School of Public Health.

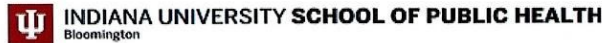
I have also been impressed as to how active they are in participation in industry tours and conferences. Since I am on their email listing I receive multiple emails every week involving some activity or community event that they are involved in. They are truly an asset to our profession and a positive example of our youth today.

If you have any questions, please contact me. Thank you,

A handwritten signature in black ink, appearing to read "B. Bare".

Bruce Bare

*Risk Management and Emergency Preparedness Specialist
Programs Involving Children (PIC) Team Leader*



Office: (812) 855-7891

Cell: (812) 583-4068



INDIANA UNIVERSITY

OFFICE OF THE EXECUTIVE VICE PRESIDENT
FOR UNIVERSITY ACADEMIC AFFAIRS
University Environmental Health and Safety

To Whom it May Concern:

I'm writing this letter of support to you today for Indiana University's Section of the Central Indiana Chapter of the American Society of Safety Engineers (IU-ASSE).

This student group is a vital organization to the IU School of Public Health and any students involved in the Safety Management program, or that have an interest in safety at Indiana University.

I had the pleasure of attending a recent meeting as a guest speaker where I was able to discuss our department (IU's Office of Environmental Health & Safety) and our role in safety at the university. We have numerous Industrial Hygienists and Occupational Safety Specialists that work to protect the university community and may be able to provide internships, job shadowing, and potential employment to these student group members.

I was truly impressed with the group, the meeting, and the content and information provided. This group is clearly instrumental in the continuing education and professional development for the Safety Management students within IU-SPH. Current and recent alums provided and offered overviews of their recent internships or their new roles in their new jobs. The presentations were informative and offered additional opportunities to the student members.

With that, I would recommend this section without hesitation to be considered for the ASSE Outstanding Student Section of the Year Award. It was clear in my brief time with them that they are more than deserving for such recognition.

Thank you for your time,

Graham McKeen

Interim Director, IU's Office of Environmental Health & Safety Bloomington (EHS)
Public Health Manager, IU's Office of Environmental Health & Safety (EHS)
Part-Time Instructor, IU's School of Public & Environmental Affairs (SPEA)
2427 E 2nd Street, Bloomington, IN 47401
Desk: 812.856.5482
gmcke@iu.edu

Indiana University's Office of Environmental Health & Safety
2427 E 2nd Street, Bloomington, IN 47401
812-855-2004 www.ehs.iu.edu



**DEPARTMENT OF
APPLIED HEALTH SCIENCE**

INDIANA UNIVERSITY
School of Public Health
Bloomington

March 28, 2018

American Society of Safety Engineers
520 N. Northwest Hwy
Park Ridge, IL 60068

Re: ASSE Outstanding Student Section of the Year Award Endorsement

Dear Awards Committee Members:

I recently learned that our Indiana University American Society of Safety Engineers Student Section will submit an application for the American Society of Safety Engineers Outstanding Student Section of the Year Award. I was pleased to learn that a student organization from our department has such high aspirations; this speaks well of the quality of community and campus engagement we have among our students. Based on my observations and reports from members of our Safety Program faculty, as well as students, I am certain that members of our ASSE Student Section have made significant contributions to the advancement of the safety profession.

On behalf of the Department of Applied Health Science, I strongly support our students' application for the Outstanding Student Section of the Year Award.

Please contact me if you have any questions.

Sincerely,

David Lohrmann, Ph.D., MCHES
Professor and Chair
Department of Applied Health Science

School of Public Health-Bloomington 1025 E. Seventh Street, HPER 116, Bloomington, IN 47405
(812)-855-3627 Fax (812)-855-3936



American Society of Safety Engineers
Central Indiana Chapter
Protecting people, property and the environment since 1911

March 30, 2018

Student Section Awards Committee
American Society of Safety Engineers
1800 E Oakton Street
Des Plaines, IL 60018

Dear Committee Members,

As President of the Board for the Central Indiana Chapter of ASSE, I am pleased to submit a letter of recommendation for our Indiana University - Bloomington Student Section as they pursue the Outstanding Student Section of the Year recognition. The students never cease to amaze our chapter members with their commitment to developing their knowledge and skills in the safety profession. Their enthusiasm is infectious. The student section will present their findings on various research topics at our April chapter membership meeting, as they have done for several years. These are always excellent presentations that transfer academic findings to practical application in the workplaces of our chapter members.

The student activities go beyond that of just their student section. Their President, Reilly Donovan, has attended several of the parent chapter meetings in addition to her work for the student section and the demands of her classwork. During the 2018 Indiana Safety and Health Conference, March 13-14, 2018, several of the students volunteered to work behind the scenes at the registration desk and as session moderators. As volunteers they also had opportunities to visit the vendor expo, break-out sessions, and networking events, including the Governors Workplace Safety Awards Luncheon. As an added bonus, career building professionals/recruiters were available during the expo to assist them with resumes and career development advice.

As you will see in their submission, they also participate in the Future Safety Leaders Conference and Interactive Research Poster applications. Last but not least, they support each other scholastically and in the application for scholarships via the Foundation and the Chapter. A few of the students participated in the annual Chapter Golf Outing supporting a \$1,000 or \$500 student scholarship, which resulted in 3 IU Student Section Members being awarded scholarship funds from the chapter. The IU Student Section continually demonstrates that serving and supporting others is a cornerstone of a safety professional.

Thank you for considering the IU Student Section for the Outstanding Student Section Award.

A handwritten signature in blue ink that reads 'Chet Brandon'.

Chet Brandon, CSP, CHMM
President
Central Indiana Chapter, ASSE
Email: chetwinbrandon@gmail.com

ASSE Foundation Testimonial

Dear Indiana University Students, Faculty and Staff,

This brief article provides a testimonial of my experiences as a student in the Indian University Safety Management Program. Furthermore, I would also like to acknowledge the impact of the ASSE Foundation has had on my academic and professional career. During the 2015 and 2016 academic year, I was awarded the ASSE Foundation's Jim Kriner, Memorial Scholarship and was also selected to attend the Future Leaders in Safety Conference.

The ASSE Foundation's Jim Kriner Memorial Scholarship provided me with financial assistance to cover expenses associated with my tuition. Because of the financial support, I could focus more on my academic studies and less on outstanding bills. Prior to receiving the scholarship, I also participated in the Future Leaders in Safety Conference. Words can't express my gratitude for the many networking opportunities the conference provided. It's important to note that the ASSE Foundation covered all costs associated with participating in the conference.

In summary, I am honored to have received support from the ASSE Foundation and encourage current safety majors and alumni to become involved not only in your student section, but support the foundations mission. I currently work for Zenith Insurance Company as a Safety and Health Consultant and I look forward to participating in future ASSE events and activities through my local ASSE Chapter.



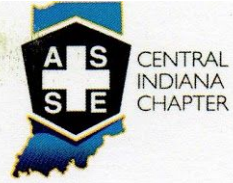
Robert Hollins III - M.S. ARM
Health and Safety Consultant
Zenith Insurance Company
robholli11@gmail.com

Appendix B

Sign-In Sheets



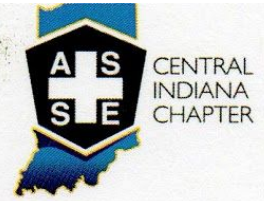
ASSE-IUB Sign In Sheet

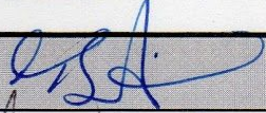
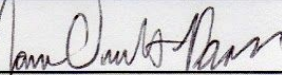


Name	Signature	Safety Courses
SCOTT PELTON	<i>[Signature]</i>	S345, S590
Walter Misselhorn	<i>[Signature]</i>	S410
Megan Barnes	<i>[Signature]</i>	
Carolyn Moore	<i>[Signature]</i>	S345, S201
Steven Seiwert	<i>[Signature]</i>	S345, S201
Isabella Byers	<i>[Signature]</i>	S345, S201, H174
Abby Dillman	<i>[Signature]</i>	S201, H174, S101
Delight Olson	<i>[Signature]</i>	S410, S415, S345
Brendan Messing	<i>[Signature]</i>	S590, S6...
JARON LE	<i>[Signature]</i>	S513, S502, S610
Spence Tofante	<i>[Signature]</i>	S345, S214
Jake Gantman	<i>[Signature]</i>	S201, S410, S214
Natalia Walker	<i>[Signature]</i>	S201, S214
Anthony Smith	<i>[Signature]</i>	S-415
NEICACI	<i>[Signature]</i>	S90, 610, S02
Deonta Murray	<i>[Signature]</i>	S-410, S-101
Brittany Lester	<i>[Signature]</i>	S590
Bruna Frye	<i>[Signature]</i>	S201
Rhett Parham	<i>[Signature]</i>	S201



ASSE-IUB Sign In Sheet



Name	Signature	Safety Courses
Timothy Simmons		SS02, S513 S610
James Orth-Brewer		S 201



October Meeting
10/23

ASSE-IUB Sign In Sheet

2:30-4:30 PM



Name	Signature	Safety Courses
Reilly Donovan	<i>[Signature]</i>	S410 S415
Isabella Byers	<i>[Signature]</i>	S345 S201
Brendan Messon	<i>[Signature]</i>	S610
Victoria Wilcox	<i>[Signature]</i>	S405
Rhett Parham	<i>[Signature]</i>	S202, S102, S214
Abby Dillman	<i>[Signature]</i>	S201, S101
Carolyn Moore	<i>[Signature]</i>	S345 S201
Anthony Smith	<i>[Signature]</i>	S415
Spence Tofante	<i>[Signature]</i>	S345, S214
Megan Barnes	<i>[Signature]</i>	
Delight Olson	<i>[Signature]</i>	S410, S415, S345
Natalia Walker	<i>[Signature]</i>	S201, S214, S101
Dr. AL	<i>[Signature]</i>	S502, S345, S101
Kevin Slater	<i>[Signature]</i>	S201, 410, 610
Aurora Le	<i>[Signature]</i>	MIA
Tyler Hird	<i>[Signature]</i>	S345
Scott Peltz	<i>[Signature]</i>	S345
Deonta Murray	<i>[Signature]</i>	S345, 410
Drew Orelford	<i>[Signature]</i>	S201, S101



November 13
2:30-4
ASSE-IUB Sign In Sheet



Name	Signature	Safety Courses
Reilly Donovan	[Signature]	S410 S415
JARON LE	[Signature]	610, 502, 513
Skyler Bouwkamp	[Signature]	S410
Isabella Byers	[Signature]	S201 S345
Spence Tolant	[Signature]	S214, S345
Jacob Ryan	[Signature]	S201, S210, S101, S345
Stephen Doelling	[Signature]	S201, S101
Steven Seibert	[Signature]	S201, S345, S214
Deonta Murray	[Signature]	S410, S345, S415
Scott PELTON	[Signature]	S345, S502
Delight Orr	[Signature]	S410, S415, S345
Anthony Smith	[Signature]	S415
[Signature]	Brittany Lester	
Carolyn Moore	[Signature]	S415, S410, S345
Abby Dillman	[Signature]	S101, S201
Drew Brelsford	[Signature]	S101, S201
Natalia Walker	[Signature]	S101 / S201
Khett Pascham	[Signature]	S201, S101
Megan Barnes	[Signature]	

0

Graham Turner [Signature] S502, 610, 590
 NEICACI [Signature] S410
 Walter Misselhorn [Signature]
 Jonathan Moore [Signature]
 Chris Herbert [Signature] Charcia James



ASSE-IUB Sign In Sheet
December Meeting



Name	Signature	Safety Courses
Reilly Donovan	[Signature]	S415, S410
Chase Laughhead	[Signature]	internship presentation
Anthony Smith	[Signature]	S415
Stephen Doelling	[Signature]	S201, S101
Omar Zamani	[Signature]	S410, S345
Spence Tofaute	[Signature]	S214, S345
Graham Turner	[Signature]	S201, S214
Delight Olson	[Signature]	S410, S415
Quante L Murray	[Signature]	410, 415, 101
Scott Patin	[Signature]	S345, S502
Carolyn Moore	[Signature]	S345, S415, S201
Isabella Byers	[Signature]	S345, S201
Jon Moore	[Signature]	
Abby Dillman	[Signature]	S101, S201
DR. AL	[Signature]	Good ones
Victoria Wilcox	[Signature]	X 505
Natalia Walker	[Signature]	sph-S201, sph-S101
Megan Barnes	[Signature]	



ASSE-IUB Sign In Sheet

1-18-18



Name	Signature	Safety Courses
Isabella Byers	<i>[Signature]</i>	S336, S191, S241
Brendan Mussing	<i>[Signature]</i>	5550, B
Graham Turner	<i>[Signature]</i>	S231, S336
Steven Seiwert	<i>[Signature]</i>	S251, 336
Anthony Smith	<i>[Signature]</i>	S411
Rhett Parkan	<i>[Signature]</i>	S336
Natalia Walker	<i>[Signature]</i>	S251, S210, S336
Reilly Donovan	<i>[Signature]</i>	S411
JARON LE	<i>[Signature]</i>	S411 S632 S552
Kelsie Finch	<i>[Signature]</i>	S336, S210, S231
Dillon Knapp	<i>[Signature]</i>	S336, S151, S210
Brianna Frye	<i>[Signature]</i>	S251, S210, S336
Jesse Smith	<i>[Signature]</i>	
Seth Wagner	<i>[Signature]</i>	S552, S515, S632
Carolyn Moore	<i>[Signature]</i>	-Ergonomics S332 -S336



ASSE-IUB Sign In Sheet

2-15-18



Name	Signature	Safety Courses
Brendan Massing	Brendan Massing	S411, S697
Graham Turner	Graham Turner	S536 S231
Carolyn Moore	Carolyn Moore	S536
Isabella Byers	Isabella Byers	S334, S494, S151, S210
Brianna Frill	Brianna Frill	S251
Walter Missethorn	Walter Missethorn	S411, S332
Natalia Walker	Natalia Walker	SPH251, S210, S536
Victoria Greene	Victoria Greene	S251, S231,
Charkia James	Charkia James	S251
Kevin Slater	Kevin Slater	
Trent Applegate	Trent Applegate	
Nyle Shields	Nyle Shields	



March 8th, 2018

ASSE-IUB Sign In Sheet



Name	Signature	Safety Courses
Walter Misselhorn	<i>Walter Misselhorn</i>	411
JARON LE	<i>Jaron Le</i>	632, 515, 552
Willie Sease	<i>Willie Sease</i>	
Reilly Donovan	<i>Reilly Donovan</i>	411
Carolyn Moore	<i>Carolyn Moore</i>	S336
Kabella Byers	<i>Kabella Byers</i>	S336, S151, S210
Anthony Smart	<i>Anthony Smart</i>	S-411
Victoria Greene	<i>Victoria Greene</i>	S251, 151, 281
Kelsie Finch	<i>Kelsie Finch</i>	S336, S231, S210
Graham Turner	<i>Graham Turner</i>	S336, S231
Brendan Messing	<i>Brendan Messing</i>	S411, S1607
Dillon Kneipp	<i>Dillon Kneipp</i>	151, 336, 210
Rott Parham	<i>Rott Parham</i>	S336
Keani Stater	<i>Keani Stater</i>	
Trent Applegate	<i>Trent Applegate</i>	
Natalia Walker	<i>Natalia Walker</i>	S336, S210,
Brianna Frye	<i>Brianna Frye</i>	S336, S210
Jaise Gantman	<i>Jaise Gantman</i>	S411, S210,

Arconic Information Session

Arconic Information Session 1.31.18 - attendance			
Last Name	First Name	Username	Study Area
Brown	Jennifer	brown450	SPEA Graduate in Specialized Study MPA
Dillman	Abby	aldillma	Univ Division Sophomore in Safety BSAHS
Enlow	Jefferson	jefenlow	Junior in Safety BSAHS -
Frye	Brianna	brifrye	unior in Safety BSAHS
Misselhorn	Walter	wwmissel	Senior in Safety BSAHS
Pena Lugo	Glenia	glepena	SPEA Graduate in Envir Chem, Toxic, & Rsk MSE
Swift	Patrick	pswift	SPEA Senior in Environmental Mgmt BSPA
Turner	Graham	grkturne	Junior in Safety BSAHS
Wilcox	Victoria	vswilcox	Graduate in Safety Management MSAHS

Appendix C

Research



BUSINESS CONTINUITY SURVEY
Conducted for

SCHOOL OF PUBLIC HEALTH-BLOOMINGTON
Indianapolis, IN 46231

By the
INDIANA UNIVERSITY-BLOOMINGTON
AMERICAN SOCIETY OF SAFETY ENGINEERS
FACULTY ADVISORS, K. SLATES, AND A. CAPUANO



March 31, 2018

IU School of Public Health
Department of Applied Health Sciences
1025 E. 7th St
Bloomington, IN 47405

(812) 855-1561

Outstanding Student Section Award Application 2017-2018

Outstanding Student Section Award Application 2017-2018

This report includes:

INTRODUCTION AND PURPOSE

METHODS

RESULTS

CONCLUSION

RECOMMENDATIONS

SPECIAL RECOGNITION

Outstanding Student Section Award Application 2017-2018

INTRODUCTION AND PURPOSE

The American Society of Safety Engineers and the Indiana University School of Public Health collaborated on this research project in order to gather information on the school's current level of disaster preparedness and identify areas for improvement. The purpose of the survey and research project is to provide the SPH with critical information (equipment, space, and infrastructure) regarding their ability to respond to a disaster and supply the groundwork for a business continuity plan. A BCP is required by Indiana University to meet FEMA standards for disaster recovery planning and Federal assistance in the event of a disaster. This plan will decrease the time of recovery, enhance resiliency, and assist in maintaining the school's research and educational roles. With the data collected and analyzed from this survey, the future business continuity plan will better address the needs of the different departments, more thoroughly understand critical infrastructure needs, and better prepare the entire facility for events that compromise lab space and/or data. The IU ASSE Student Section will continue to work with the School of Public Health in crafting this business continuity plan, and will conduct additional phases to this project, including a physical assessment of the building. This second phase will address specific emergency preparedness concerns and attempt to improve each lab's ability to maintain operations in the event of a disaster. However, this 19-item questionnaire, which addresses physical infrastructure, technical needs, and perception of preparedness, serves as the basis of the BCP and will yield a more focused and effective emergency response effort for the school.

Outstanding Student Section Award Application 2017-2018

METHODS

The 19-item questionnaire examined SPH-B laboratory business continuity needs such as physical infrastructure, technical needs, and perception of preparedness. Study respondents were School of Public Health faculty and staff engaged in teaching and research activities conducted in laboratory settings. Researchers collected data from March 24-27, 2018 to complete the study. A total of 17 SPH departmental members were requested to complete the 19-question survey. The response rate for the study was about 65%, with 11 faculty/staff offering responses (n=11). The questionnaire form was administered electronically using Qualtrics. Qualtrics is a cloud-based survey tool that helps faculty, students, and staff build and distribute surveys, view reports, and tabulate and analyze responses. In order to study respondents, a likert scale was used to measure respondents' level of agreement or satisfaction with questionnaire statements. Data was analyzed using frequency distributions.

Outstanding Student Section Award Application 2017-2018

RESULTS

Question 1 - How would you rate your level of agreement with the following statements related to business continuity and preparedness for critical events that may inhibit or adversely affect your laboratory's ability to conduct research or teaching activities?

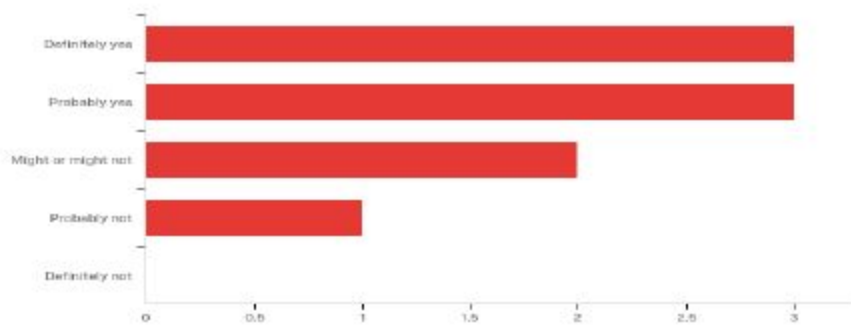
#	Question	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	Total
1	I believe we are adequately prepared to respond to any critical events related to a loss of research samples, data or information management systems related to research, service, and teaching.	10.00% 1	20.00% 2	20.00% 2	40.00% 4	10.00% 1	10
2	I believe we are adequately prepared to respond to any natural disasters such as fire, inclement weather, earthquake, etc.	0.00% 0	66.67% 6	22.22% 2	0.00% 0	11.11% 1	9

Question 1 results show that 50% of respondents either somewhat disagree or strongly disagree that their lab is prepared to operate in the event of data loss, sample loss, and/or information management issues. 30% believe that their lab is currently adequately prepared to respond in the event of loss of data/samples. In regards to natural/physical disasters, about 67% of respondents indicate that their lab is prepared to respond following an adverse event. 22% do not agree or disagree with the statement, and only 11% (1 respondent) perceive that their lab is unprepared to respond to a crisis.

Question 2 - The goal of this business continuity plan is to examine infrastructure needs and ensure that your laboratory can continue to operate in case of serious incidents or disasters. Do you believe there is a need for your laboratory to have a written business continuity recovery plan?

Outstanding Student Section Award Application 2017-2018

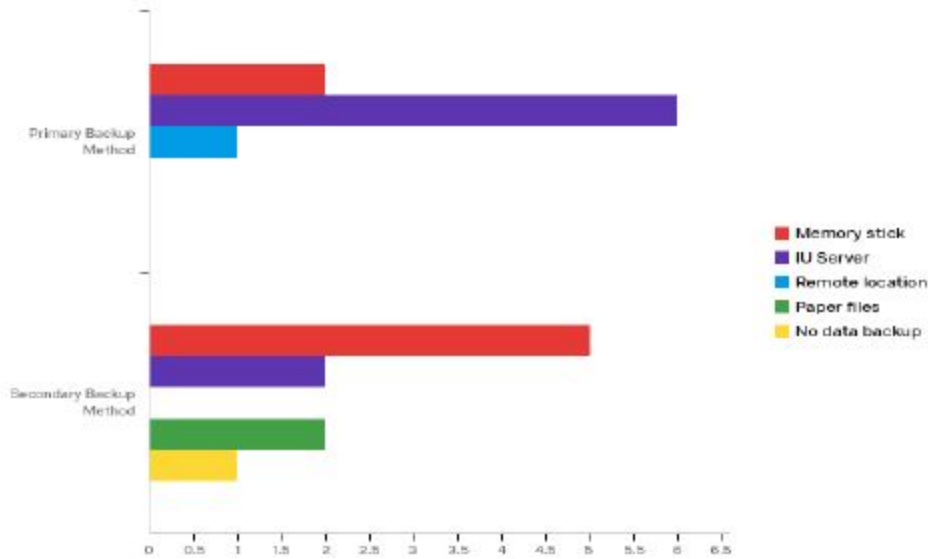
#	Answer	%	Count
1	Definitely yes	33.33%	3
2	Probably yes	33.33%	3
3	Might or might not	22.22%	2
4	Probably not	11.11%	1
5	Definitely not	0.00%	0
	Total	100%	9



The results from question 2 indicate that approximately 66% of respondents believe a business continuity plan is a necessity for their lab. Only 1 respondent believes that a business continuity plan is not vitally important for their lab.

Question 3 - Do you backup your data? If so, what method do you use for data backup?

Outstanding Student Section Award Application 2017-2018



Results show 75% of respondents indicate that the Indiana University server is their primary backup method, and about 71% use a memory stick for secondary backup. One respondent indicated that they utilize a remote location for their primary backup method. None of the respondents use paper files for their primary method, but two utilize paper files as their secondary backup. Only one respondent does not use a secondary backup.

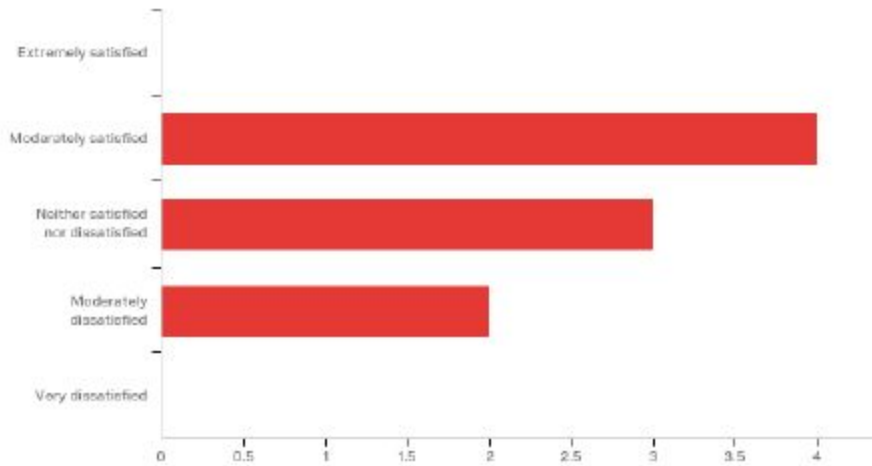
Question 4 - Identify the SPH-B home department sponsoring your laboratory.

#	Answer	%	Count
1	Applied Health Science	44.44%	4
2	Kinesiology	33.33%	3
3	Epidemiology & Biostatistics	0.00%	0
4	Recreation Parks and Tourism Studies	0.00%	0
5	Environmental and Occupational Health	22.22%	2
	Total	100%	9

Within the IU School of Public Health, survey respondents include Applied Health Science, Kinesiology, and Environmental and Occupational Health. The Epidemiology and Biostatistics and Recreation and Tourism Studies departments did not complete the survey for this research project. Two survey respondents did not indicate their departmental affiliation.

Outstanding Student Section Award Application 2017-2018

Question 5 - Rate your level of satisfaction with your current laboratory's capacity for teaching, research, and service activities.



44% of respondents are moderately satisfied with their current laboratory's capacity for teaching, research, and service activities. Approximately 33% are neither satisfied nor dissatisfied, and around 22% are moderately dissatisfied with the capacity of their lab for normal functions.

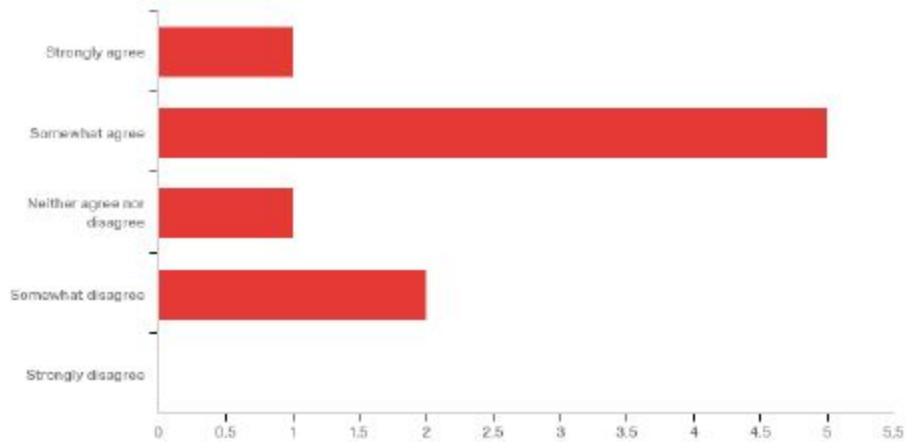
Question 6 - Rate your level of satisfaction with the infrastructure utilities (power, gas, water, lighting, ventilation).

#	Answer	%	Count
1	Strongly agree	11.11%	1
2	Agree	11.11%	1
3	Somewhat agree	22.22%	2
4	Neither agree nor disagree	22.22%	2
5	Somewhat disagree	33.33%	3
6	Strongly disagree	0.00%	0
	Total	100%	9

For question 6, around 22% of respondents agree or strongly agree with the notion that they are satisfied with the infrastructure utilities of their lab. Another 22% of respondents somewhat agree and 22% neither agree nor disagree. Conversely, about 33% of respondents somewhat disagree (somewhat dissatisfied with infrastructure utilities).

Question 7 - Rate your level of agreement with the following statement. The current size of the laboratory meets my teaching, service, and/or research needs.

Outstanding Student Section Award Application 2017-2018



11% of respondents strongly agree that the current size of their laboratory meets their needs and about 56% somewhat agree that their lab size is adequate. 11% neither agree nor disagree and approximately 22% somewhat disagree that their lab size meets their needs.

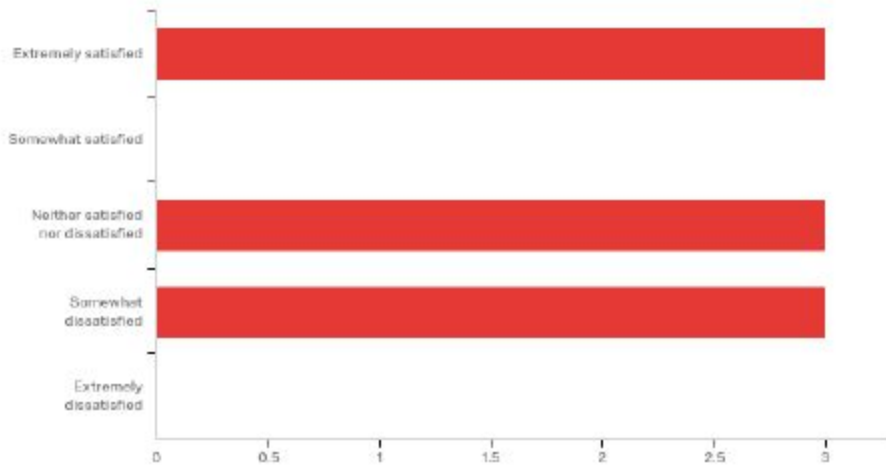
Question 8 - What do you consider to be your critical infrastructure utility needs? Select all that apply.

#	Answer	%	Count
1	Water	17.65%	3
2	Gas	5.88%	1
3	Electrical (220V)	47.06%	8
4	Ventilation	29.41%	5
	Total	100%	17

For critical infrastructure utility needs, 3 respondents indicated water as a necessity, 1 respondent specified a need for gas, 8 agreed that electrical (220V) outlets are necessary, and 5 answered that ventilation is required.

Question 9 - Rate your level of satisfaction with the following statement. The laboratory technological needs such as computers, data information management systems, technology support, and data access meet my teaching, service, and/or research needs.

Outstanding Student Section Award Application 2017-2018

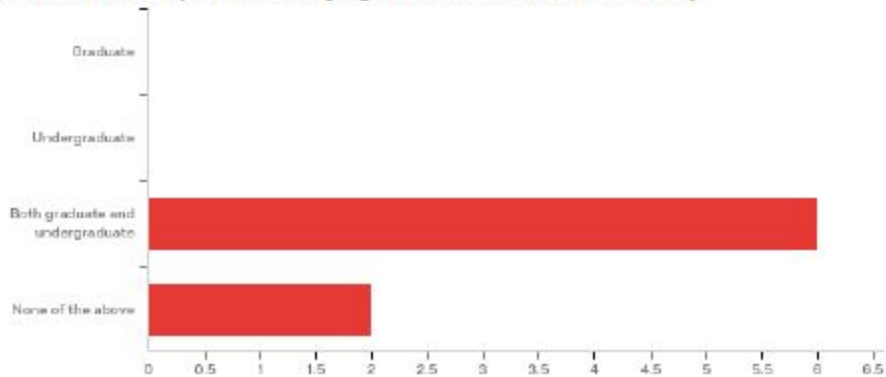


33% of respondents are extremely satisfied with the technological capacity of their lab, 33% are neither satisfied nor dissatisfied, and 33% are somewhat dissatisfied. No respondents indicated that they are extremely dissatisfied with their technological resources.

Question 10 - If a disaster destroyed your lab/research area, is there any funding sources that would need to be contacted during the recovery period? If so please identify the funding sources.

A total of 5 respondents indicated that funding sources would need to be contacted in order to effectively respond in the event of a disaster.

Question 11 - Identify the academic program associated with the laboratory.



75% of respondents' labs are both undergraduate and graduate programs. 25% specified that their laboratory programs are not associated with either undergraduates or graduates.

Question 12 - Identify any specific needs to support laboratory activities during the recovery phase after a disaster. Select all that apply.

Outstanding Student Section Award Application 2017-2018

#	Answer	%	Count
1	Research subjects	6.25%	1
2	Grant funding	12.50%	2
3	Research related equipment	43.75%	7
4	Critical personnel (how many)	18.75%	3
5	Other	18.75%	3
	Total	100%	16

Responses from question 12 show that 6.25% of respondents perceive research subjects as a specific need during recovery, 12.5% indicate that grant funding is a specific need, 43.75% state that research related equipment would be required, 18.75% believe critical personnel would be needed in order to recover from a disaster, and another 18.75% specify that other critical needs are required.

Critical personnel (how many) - Text

2

Other - Text

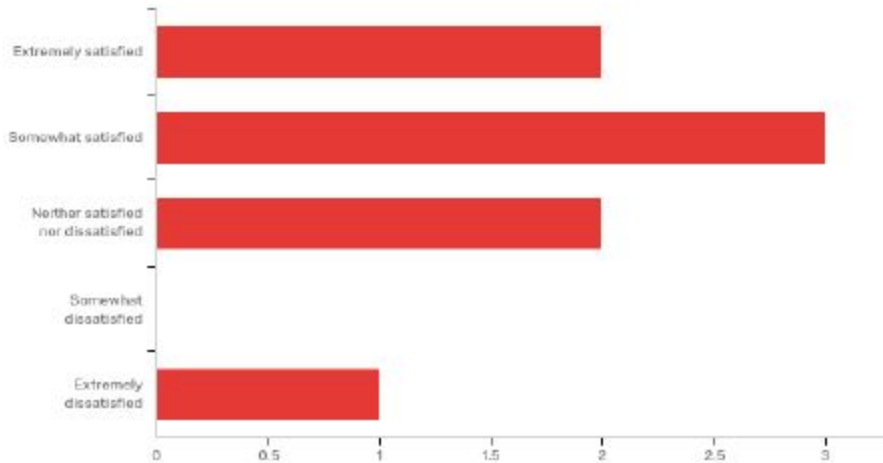
Backup power following an outage is lacking. Backup equipment (-80 freezers, refrigeration is lacking)

Space with hospital-grade electrical outlets.

Test, test, test

Question 13 - Identify the level of satisfaction with the laboratory's infrastructure such as furnishings, cabinets, access to technological support, working surfaces, and/or research equipment.

Outstanding Student Section Award Application 2017-2018



About 62% of respondents are extremely or somewhat satisfied with the infrastructure of their laboratory in terms of furnishing, technological supports, working surfaces, and equipment. 25% state that they are neither satisfied nor dissatisfied and 1 respondent (12.5%) is extremely dissatisfied.

Question 14 - How well prepared is your laboratory in an event of a business disruption? Examples include loss of data or research samples, damage to research or analytical equipment, or disruptions caused by man-made or natural disasters.

#	Answer	%	Count
1	Extremely well	0.00%	0
2	Very well	0.00%	0
3	Moderately well	37.50%	3
4	Slightly well	50.00%	4
5	Not well at all	12.50%	1
	Total	100%	8

In terms of disaster readiness, 87.5% of respondents believe that their laboratory is moderately or slightly well prepared to respond to a business disruption. Of the 8 respondents to this question, one determined that his or her lab is not prepared in the event of a business disruption.

Question 15 - Does your lab have someone trained in first aid, or have a first aid kit, or disaster recover kits available in an event of an emergency?

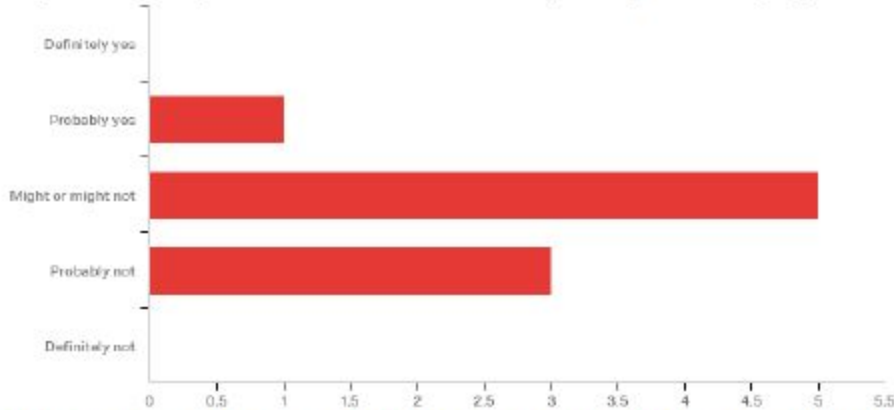
#	Answer	%	Count
1	Definitely yes	44.44%	4

Outstanding Student Section Award Application 2017-2018

2	Probably yes	44.44%	4
3	Might or might not	11.11%	1
4	Probably not	0.00%	0
5	Definitely not	0.00%	0
Total		100%	9

44.44% definitely have first aid kits and/or first aid trained personnel within their lab, 44.44% likely have first aid kits and or trained personnel, and 11.11% may or may not.

Question 16 - Does your laboratory have a need for off-site storage of critical recovery materials? Examples include samples or materials collected for service, teaching, or research purposes.



Only about 11% of respondents indicated that they likely would need offsite storage of materials in a disaster. 55.56% of respondents might or might not and 33.33% likely do not need offsite storage.

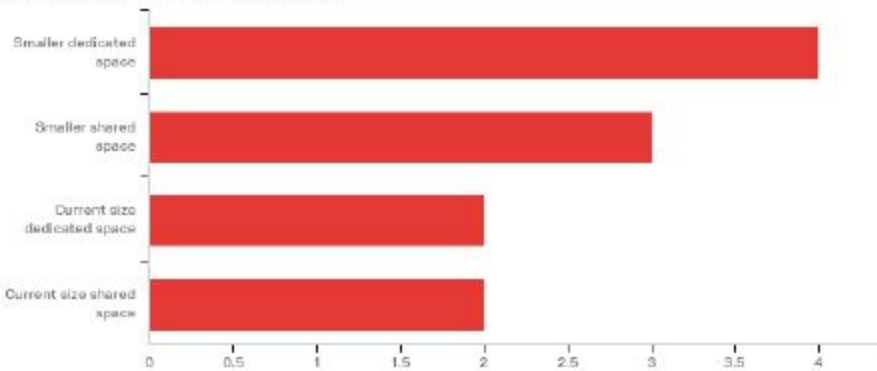
Question 17 - During the reconstruction phase of a disaster recovery, if there were changes that could be made to your lab/research area how would you rate them?

Answer	%	Count
Major changes in space, infrastructure and/ or design	12.50%	1
Moderate changes in space, infrastructure and/ or design	62.50%	5
Minor changes in space, infrastructure and/ or design	12.50%	1
No changes needed	12.50%	1
Total	100%	8

One respondent indicated the need for major changes in space, infrastructure, and/or design, five respondents supported the need for moderate changes, one answered that minor changes would be beneficial, and one respondent believes that no changes would be needed.

Outstanding Student Section Award Application 2017-2018

Question 18 - If your lab/research area was completely destroyed, what could you accept for a short term during recovery/reconstruction?



In the event of complete destruction, 36.36% of respondents answered that a smaller dedicated space would be suitable for a short term during recovery, 27.27% stated that a smaller shared space would be acceptable, 18.18% said that their lab would require a dedicated space of the same size (as current lab), and 18.18% said that a shared space of the same size could be accepted.

Question 19 - If your laboratory needs to improve upon or develop a business continuity plan, identify your willingness to become involved in the development of a written plan.

#	Answer	%	Count
1	Interested	37.50%	3
2	Somewhat interested	37.50%	3
3	Not interested	25.00%	2
	Total	100%	8

Six of eight respondents are interested/somewhat interested in participating in the development of a written business continuity plan. Two respondents are not.

Outstanding Student Section Award Application 2017-2018

CONCLUSION

Results from the survey offered certain trends about the School of Public Health's ability to adequately respond to and recover from a variety of disasters. Findings indicate that many areas of the school need to be bolstered in order to ensure the maintenance of regular operations and improve the resiliency of the different departments. In terms of general preparedness, the data suggests that the SPH departments are more confident in their ability to respond to and recover from natural disasters, than in their ability to recover from losses of data/samples. Concerns regarding general preparedness levels in part explain the fact that the majority of respondents agreed with the need for a business continuity plan and a thorough analysis of the school's current emergency preparedness levels. In recent years, much of Indiana University's effort in regards to disasters preparedness has focused on electronic information and the necessity to properly store critical data. In this respect, the School of Public Health appears to have taken beneficial steps in preparedness by using the IU main server as well as other backup methods. Satisfactory methods of data backup at the disposal of SPH laboratory departments were paralleled by overall satisfaction with the school's infrastructure in terms of size, furnishings, and its capacity in fulfilling the school's educational and research roles. Conversely, satisfaction with the school's utility infrastructure was lower, identifying a possible need to enhance utility options and capabilities for the SPH. Of the responses for utility needs, nearly 50% of respondents identified electricity (220V) as a critical component for ensuring operational continuity. There appears to be less of a consensus regarding satisfaction with the technological capabilities of the school. For disaster preparedness perception, close to 85% of respondents indicated that their labs are either moderately or slightly well prepared to respond and recover. However, one respondent indicated complete unpreparedness. These results also show that none of the laboratories (that responded) appear to have tremendous confidence in their ability to maintain operations and fully recover from an adverse event. In respect to full recovery, most responses recommend that moderate changes be made to the SPH infrastructure in terms of space and/or design to better equip the departments for daily operations and improve their resiliency to disaster. In the short term, most respondents agreed that their labs could operate within a smaller facility in the event of a disaster. Furthermore, the majority of respondents expressed interest in remaining involved in this process and indicate a willingness to assist with the development of a business continuity plan.

Outstanding Student Section Award Application 2017-2018

RECOMMENDATIONS

The Data from this 19-question survey should be utilized in the process of developing a working business continuity plan for the IU School of Public Health. The respondents' feedback should be used to identify areas of the school that are potentially problematic and changes should be made that reflect the trends of this research. Specific attention should be given to strengthening the laboratories' ability to respond to data/sample loss, infrastructure capacity should be reviewed, and infrastructure utility needs, especially 220V electricity, should be analyzed completely. Additionally, the questionnaire results should act as an outline when completing phase 2 (physical assessment) of this process, but not limit the scope of changes that need to be made. Departmental members should remain involved in the development of the BCP, and their concerns/recommendations should help to create a more comprehensive and effective disaster plan.

Outstanding Student Section Award Application 2017-2018

SPECIAL RECOGNITION

Thank you to all members of the School of Public Health that participated in this survey and provided the research committee with valuable information that will better prepare the school for disasters. Also, thank you to Bruce Bare for allowing the IU ASSE Student Section the opportunity to be involved in this project and providing this research committee with expertise and guidance throughout the entire process.

Outstanding Student Section Award Application 2017-2018

<https://www.qualtrics.com/>

REFERENCE

Outstanding Student Section Award Application 2017-2018

Appendix D

Newsletters

SAFETY WATCH

A TECHNICAL NEWSLETTER

State of the Program Address

By: Dr. Slaters

As we begin the academic year, I would like to provide our faculty, staff and local safety professionals an update on the state of the program. Furthermore, I would also like to encourage students to actively participate in the many learning opportunities, events and activities planned for both the fall and spring semesters.

Each month our student section sponsors technical speakers, arranges plant tours, and other service and learning opportunities. Over the past year, program faculty and administrators have been very active in establishing partnerships and revising graduate curriculum. We currently offer a new 12 hour Online Graduate Certificate in Safety Management and a 30 hour Online Graduate Degree in Safety Management. Both are designed to accommodate the needs of working professionals considering careers in safety. It's important to note, the undergraduate degree in safety has been designated as a Qualified Academic Program by the Board of Certified Safety Professionals. This designation permits students to apply for the Graduate Safety Practitioner

designation upon successful of the B.S. degree in safety. Moreover, I'm pleased to report the following metrics:

- The graduate program reported 24 students enrolled
- Undergraduate program reported 73 enrolled
- 15 student completed summer internships
- Over \$11,000 in external scholarships.
- The IU ASSE Student Section was a finalist of the ASSE Student Section of the Year.

In closing, I encourage you to plan for future success by getting involved today. Student membership is only \$15 and well worth the cost. The state of the program is strong and trending in the right direction.



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Meeting Dates
 Location: SPH 125
 Oct. 23th
 Nov. 13th
 Dec. 4th
 2:30 p.m. to 4:00 pm



Dr. Todd Smith Presents at National Safety Council Professional Development Conference



By: Dr. Kevin Slates

Dr. Todd Smith will present at the 2017 National Safety Council Congress & Expo, September 25, 2017 @ 1:30 p.m., Indianapolis IN.

Title: Bolstering Occupational Safety and Health Outcomes through Effective Multi-level Leadership

Presentation description: Highly effective leaders, including transformational leaders, have been associated with enhanced organizational outcomes, safety climate, safety performance and reductions in worker injuries. This presentation will highlight strategies and tactics used by highly effective leaders. Case study situations will be shared, group discussions will be completed and specific strategies for use by both

organizational and work group leaders will be presented. Participants will be able to describe the traits, behaviors and influence strategies used by highly effective leaders and will be able to devise a plan to incorporate safety-specific transformational leadership into their organizations.

“We need to understand that leadership has direct and indirect effects on the safety, health and well-being of workers in numerous occupations and industries. Poor leadership has been associated with numerous negative outcomes including increased stress, diminished health, diminished healthy lifestyle practices and decreased safety performance.”

Meet Your New IU ASSE Student Section Officers

As many of you know, last semester we held elections for officers. I would like to take this time to thank our outgoing student section officers, as their contributions to the IU Safety Program don't go unnoticed. Now it's time to introduce our new officers for the academic year 2017-2018.

Meeting Dates
Location: SPH 125
Oct. 7th
Nov. 13th
Dec. 8th
2:30 p.m. to 4:00 pm



Reilly Donavon, President



Megan Barns, Secretary



Anthony Smith, V.P.



Isabella Byers, treasure

FAST FACTS

Did you know?

You can go to jobs.asse.org to search for safety jobs and internships?



Industrial Hygiene Laboratory received SKC Technical Equipment Grant

The IU Industrial Hygiene Laboratory received The Technical Equipment Grant from SKC Equipment. The IU Safety Program would like to thank **Debbie Dietrich, CIH, Vice President of Sales and Marketing.**

- Digital air sampling pumps and media



Debbie Dietrich, CIH, VP of Sales & Marketing

The ASSE Foundation is now accepting applications for the 2018 Academic Scholarship Program!

More than \$250,000 will be available to safety students, including several Impact Scholarships of \$10,000-\$15,000, made possible by ASSE's community of individual, chapter, and corporate donors.

Scholarships are available for all students including undergraduates, graduates, full-time, part-time, and international students studying in the U.S. To apply, applicants must be in an occupational safety or related degree program. Additionally, they must have earned a minimum of 60 undergraduate credit hours (24 if working toward an Associate's Degree), will be graduating in May 2017 or later, and have a minimum 3.0 undergraduate and 3.5 graduate GPA (if applicable).

Applications must be completed online at foundation.asse.org/apply. Transcripts, a series of short answers, and a letter of recommendation will be required to complete the application. The deadline for submitting applications is 11:59 pm EST on Thursday, December 1, 2017. Scholarship winners will be notified in April of 2018.

Questions? Contact the Foundation at assefoundation@asse.org



Congratulations are in order for the following Indiana University students for being selected as 2016 ASSE Foundation Scholarship recipients.

Lucas Letner – \$3,000 scholarship

Tanner Warner – \$1,000 scholarship

The Indiana University American Society of Safety Engineers Student Section Award Winners!

\$4,000 Awarded Spring 2017

To be eligible for the IU ASSE Student Section Scholarships, students must have at least a 3.0 GPA, major in safety, be an ASSE Student Section member and submit a personal statement.

- Brittany Lester
- Reilly Donavon
- Isabella Byers

My experience at the Safety 2017 Conference in Denver was rewarding in many ways. The conference featured sessions on subjects from all areas of the safety industry and new approaches and strategies for handling common safety issues. In my opinion, the main draw of the conference for students is the networking. By speaking with professionals from a variety of industries, I was able to hear about the different types of safety jobs and how different professionals began their careers.

The concurrent sessions were organized and informative. The sessions explored tracks like; construction, ergonomics, human behavior, risk management, and safety management. These sessions were presented by leaders in safety and the slides were made available through the Safety 2017 app. The Safety 2017 conference had a lot of opportunities for networking including; roundtable discussions, career centers, young professional meetings, a lounge in the expo area, and after-parties. The career center hosted several recruiters from big companies and also offered resume critiques from HR professionals. The after-parties allowed for a less formal way of networking and gave everyone a chance to get to know each other on a more personal level.

The poster presentations were setup directly outside the main conference hall for optimal exposure. The student poster presentations gave me a chance to meet students from other universities and degree programs. It was interesting to see what areas the other students had focused on. The poster presentation area also gave myself and the students a chance to exchange ideas and discuss what topics we could focus on for the 2018 conference.

Overall, I found the Safety 2017 experience to be a big step in my professional development. The conference was fun, informative, exciting, and enlightening. Being a part of a conference that large helped me realize how many opportunities are available to us as young safety professionals. I would highly recommend attending the 2018 conference in San Antonio to anyone that is considering it.

Safety 2017 Conference Wrap up

By: Kevin Hughes



Kevin Hughes and IU alumni attend Safety 2017



IU Safety Program alumni Jerry Pine attend conference in Denver.

IU SAFETY STUDENTS SUCCEED OUTSIDE THE CLASSROOM

By: Dr. Slates

From internships to employment opportunities, IU student's secure internship and employment opportunities throughout the country. Over the past year, the IU Safety Program Staff and Faculty work tirelessly to develop partnerships with local and national companies. With the assistance of IU SPH-B Career Services, the IU Safety Program works to ensure that students are prepared upon graduation to meet employer's knowledge, skills and abilities.

We have had a very productive and active year. From academic success to career readiness, student scholarship and achievement are primary goals. Below is a list of students who either completed an internship or has been offered employment. It's important to note, that 7 of the 9 students received job offers prior to graduation.



DEPARTMENT OF APPLIED HEALTH SCIENCE

INDIANA UNIVERSITY
School of Public Health
Bloomington

IU Undergraduates Receive Job Offers

The following students have received job offers following graduation. Congratulations!

- **Jorge Carillo**
 - Amazon
- **Garrett Goodbar**
 - F.A. Wilhelm Construction
- **Luc Letner**
 - General Motors
- **Nick Zaberdac**
 - J.F. Shea Construction
- **Terry Batemon**
 - Heritage Environmental
- **Mike Anderson**
 - Dow Agro Sciences
- **Manual Palousious**
 - Amazon
- **Sam Cruz**
 - J.F. Shea Water Division

Summary 2017 Safety Internships

Congratulations!

- Brittany Lester
- Tremaine Brooks
- Reilly Donovan
- Graham Turner
- Rhett Parham
- Joshua Arndt
- Derrick Kong
- Megan Barnes
- Omeed Zamani
- Antony Smith
- Walter Misslehorn
- Chase Laughead
- Alec Eckert
- Cullen Fenoughty

Selected IU Partners & Companies



SAFETY SURVEY RESULTS INDICATE

UPCOMING SAFETY PROFESSIONAL SHORTAGE

Washington – Demand for occupational safety and health services will soon exceed the supply of trained and experienced professionals, according to results from a new NIOSH survey.

The national [survey](#) (.pdf file), commissioned by NIOSH in 2008 and performed by an independent firm, found that employers plan to hire at least 25,000 safety and health professionals over the next five years, but less than 13,000 new graduates are expected from academic programs. In addition, NIOSH said many of the projected vacancies likely will be filled by current employees or workers without occupational safety and health training.

The need for more trained professionals is especially great given the pending retirement of older safety professionals and new technologies that require specialized skills and knowledge, NIOSH Director John Howard said in an agency press release.

Other survey results include:

- Degree programs in occupational safety and health have experienced declines in university funding, especially those not funded through NIOSH.
- Employers want new graduates to have training in leadership and communication.

<http://www.safetyandhealthmagazine.com/articles/survey-results-indicate-upcoming-safety-professional-shortage-2>

Student Profile: Rhett Parham Succeeds at AECOM

AECOM

Location: Soda Springs, Idaho

Company: AECOM

Site: The Conda Projects/ Nu West Ponds

Branch: Energy, Infrastructure, and Construction (EIC)

Position: Environmental, Health, and Safety intern (EH&S)

Supervisor: Donna Welch (EH&S Manager)



“Rhett stands near a piece heavy equipment during his internship”.

“The time I have spent here with AECOM has been phenomenal! I have learned far more than I ever imagined coming into this internship thanks to my Supervisor (Donna Welch). I also believe that the knowledge I received during my first year in IU’s Safety program and our chapter of ASSE has helped me catch on quick to AECOM’s safety culture”.

BCSP's GSP Update:**By: Dr. Slates**

It is with great please that I announce the safety undergraduate degree programs on both the Indiana University Bloomington and Indiana Southeast campuses are now a Qualified Academic Program by the Board of Certified Safety Professionals. As a result, upon graduation, students can apply and receive the Graduate Safety Professional Designation (GSP).

The GSP designation will substitute for the required Associate Safety Professional (ASP) credential. The GSP designation is a very prestigious and valuable credential and highlights the rigor and quality of the IU Safety Program. Again, congratulations to the IU Safety Program and thanks to all who have contributed to the success of the program.

How to Apply

If you have graduated from a QAP during its accreditation period, you must submit a GSP Application and a copy of your transcript using 'My Profile' at www.bcsp.org. For information on QAP's visit www.bcsp.org/GSP.

Online Graduate Certificate Safety Management**Jump Start Your Career**

Our Online Graduate Certificate in Safety Management is intended to give graduate students, and professionals a foundation in safety management coursework at the graduate level. If your professional goals include career advancement in public health and expanding your professional network, we encourage you to apply. The programs accommodate a wide range of academic backgrounds and career experience.

Complete each of the following required courses: (12 credits)

- _____ 3 cr. SPH-S 502 Safety Education & Training Strategies
- _____ 3 cr. SPH-S 513 Safety Management in Business & Industry
- _____ 3 cr. SPH-S 610 Risk Assessment & Compliance
- _____ 3 cr. SPH-S 632 Safety & Health Program Design



INDIANA UNIVERSITY

Dr. Al Capuano Facilitates Legal Aspect Workshop



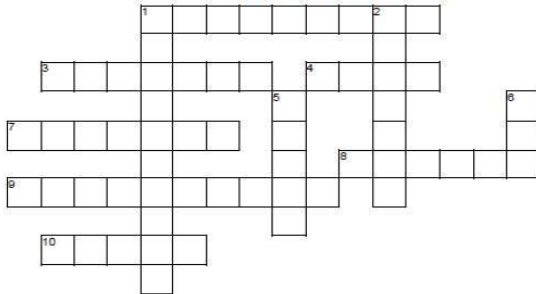
Greg Dale, attorney with Faegre Baker Daniels, and Dr. Steven R. Smith, fellow of the American College of Occupational and Environmental Medicine participate in the first annual Legal Aspects of Safety Management Panel Discussion last Friday.

Dr. Al Capuano, visiting lecturer at the School of Public Health, and former Vice President of Safety for the Heritage Group served as event moderator and panel arranger. Thank you to all who participated in the event.



"I always encourage my students to have scholarly inquiry and don't be afraid to ask. What's the worst they can say?"

Accident Prevention



Safety Crossword

ACROSS

1. Taking ____ is not following procedures
3. ____ any tool before using
4. An "almost" accident: a ____ miss
7. Report these to your supervisor
8. After an accident you must make a ____
9. Missing guards are called unsafe ____
10. Never leave material on the ____ where they could become a trip hazard

DOWN

1. Who you tell about hazards
2. To do any job you must be ____
5. Danger ____ are posted in hazardous areas
6. An unsafe ____ is careless behavior

Faculty bio: Trent Applegate's professional experiences began as a Certified Athletic Trainer (ATC) working for an Orthopedic clinic and high school. He was an ATC and Assistant Professor at Wilmington College of Ohio. He was then staff ATC for Indiana University-Bloomington and began working toward a terminal degree in health education which included a dissertation on Coordinated School Health Programs.

His responsibilities at IU-B have included Eta Sigma Gamma faculty sponsor/advisor. Trent is now a Senior Lecturer and graduate student academic advisor for the Safety Management and MPH in Professional Health Education programs at IU-B and the Department of Applied Health Science First Aid and Emergency Care academic program Director including coordinating CPR/First Aid Lab Instructors.

1. What made you decide to enter the safety, health and environmental (SH&E) profession?
"The many opportunities and my experiences".

2. How do you ensure that your course material stays current and relevant? How do you keep pace with changing safety standards and regulations while still meeting students' learning needs?

"Staying up to date with Heart Association updates. Attending IUASSE meetings helps me to realize current student wants and needs".

3. What are your areas of SH&E research?

"First Aid & Emergency Care and school health education".

Faculty Spotlight: Dr. Trent Applegate



UPCOMING DATES

- Edge Eyewear Certification Workshop
- Plant Tours
- OSHA 10 Hour Training
- ASSE Foundation Scholarship Deadline
- Student Section meeting October 7th, 2017
- Future Leaders in Safety Conference November 7-8th

•Indiana University
Bloomington
ASSE Student
Section
•School of Public Health
•1025 E. 7th Street
Bloomington, IN 47405

Future Leaders in Safety Conference November 7-8, 2017

American Society of Safety Engineers seeking motivated and energized students to join us for the 14th annual Future Safety Leaders Conference Annual Future Safety Leaders Conference for student members will take place November 7-8, 2017, at the Westin Lombard Yorktown Center Lombard, Illinois. The Future Safety Leaders Conference provides student members the tools needed to begin a successful career in safety. Attendees will participate in mock interviews, get their resume critiqued by HR professionals, engage in roundtable discussions with experienced OSH professionals, and more. Up to 10 students from the Indiana University Safety Program will be selected to attend. All expenses including, travel, lodging, registration and food will be paid by ASSE. If you are interested in attending, please review the application process and deadline below or contact Dr. Slates at kslates@indiana.edu.

The conference offers student members the unique opportunities to:

- Connect with peers, OSH professionals and representatives from OSH employers
- Engage in dynamic presentations and sessions
- Enhance career development skills
- Explore options for advanced degrees and certifications

Conference Application Deadline Dates:

Students: Complete and email the [student essay worksheet](#) to your student section faculty advisor (students not in a student section should email this document to a faculty member) **NO LATER THAN SEPTEMBER 7, 2017.**

Are You an ASSE Student Member? Apply Now

The ASSE student membership is for those pursuing an undergraduate or advanced degree, in a safety-related degree program. Your development as a safety professional is not the result of a single course or a memorable professor. Rather, it depends on a whole series of decisions you will make about your development in your chosen profession. ASSE membership is one of those decisions. Student membership is only \$15. Please be sure to include the following information below in your application.

Sponsor name: Dr. Kevin Slates
Membership number: 57870
Faculty advisor: Dr. Kevin Slates
Title: Associate Clinical Professor
School: Indiana University Bloomington
Email: kslates@indiana.edu



IU ASSE STUDENT SECTION NEWSLETTER



Dr. Kevin Slates
Editor



Graham Turner
Associate Editor

Indiana University – ASSE
1025 E. 7th Street
Bloomington, IN 47405
School of Public Health
Bloomington

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

FAST FACTS

Did you know?

You can go to jobs.asse.org
to search for safety jobs and
internships?



Meeting Dates
Location: SPH 125
Oct. 23th
Nov. 13th
Dec. 4th
2:30 p.m. to 4:00 pm

UPCOMING DATES

- October 4th Edge Eyewear Certification Workshop
- Plant Tours TBA
- OSHA 10 Hour Training TBA
- ASSE Foundation Scholarship Deadline December 1st.
- Student Section meeting October 7th, 2017
- Future Leaders in Safety Conference November 7-8th

SAFETY WATCH

A TECHNICAL NEWSLETTER



DEPARTMENT OF APPLIED HEALTH SCIENCE

INDIANA UNIVERSITY
School of Public Health
Bloomington



Technical Speaker John Radecki



Meeting Dates
Location: SPH 125
Oct. 23th
Nov. 13th
Dec. 4th
2:30 p.m. to 4:00 pm

OCTOBER 23, 2017

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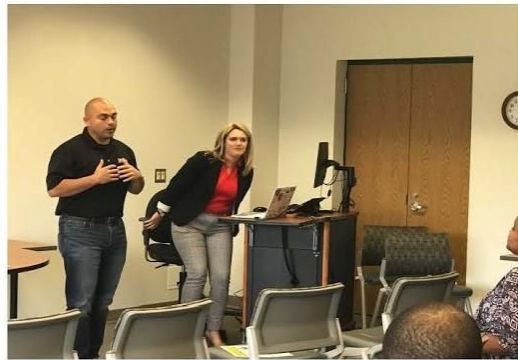
IU ASSE Student Section September Meeting

By Reilly Donovan

The IU ASSE Student Section held its first meeting of the 2017-2018 academic year on September 11, 2017. The guest speaker for this meeting was Derek Rainbolt, a Regional Safety Manager with Rumpke Waste and Recycling. Derek Rainbolt is from Ramsey, IN, about 30 minutes outside of Louisville, KY. Graduating Indiana University in 2010, he has undergraduate degrees in healthcare administration and public health and a master's degree in safety management. Derek has spent the last 7 years focusing on employee health and safety within the healthcare, food service and waste industries. He has a wife, Leah, and two kids Theo and Alma.

Rumpke Waste & Recycling was created in 1932 and provides environmentally friendly waste disposal solutions and recycling options. Rumpke is headquartered just outside of Cincinnati. Rumpke is one of the nation's largest privately owned residential and commercial waste and recycling firms, providing service to areas of Ohio, Kentucky, Indiana and West Virginia.

Derek spoke to the student section about his journey to the Occupational Safety and Health career he works in now. He discussed how he received his undergraduate degree but wasn't using his degree in his daily job, and decided to attend Indiana University and study Safety for his graduate degree. Upon completion of schooling, Derek worked in the healthcare industry serving as a Safety Manager for a few hospitals. When Derek wasn't working in safety he worked for a family owned business, but always remained passionate about Safety. This led him to the position he holds now. Derek discussed with students of his daily routine and tasks with Rumpke, reminding students that each day is different when working in this occupation. Finally, Derek discussed open positions and upcoming positions in safety with the company. After the meeting, students were encouraged to meet and greet with Derek.



Reilly Donovan ASSE Student Section President introduces technical speaker Derek Rainbolt of Rumpke

Graduate Student Josiah Moore Presents at October Meeting

By Anthony Smith

At the September ASSE student section meeting, graduate student Josiah Moore presented on his internship experience with Georgia-Pacific LLC. Josiah's internship was located at the Foley Cellulose Plant in Perry, Florida, which is responsible for the production of specialty and fluff pulp that is used in a variety of products throughout the world. As an intern, Josiah worked within the safety management team on essential tasks and was responsible for various projects, including updating emergency evacuation plans and working to improve employee engagement in safety programs.



Along with enhancing the Foley Plant's "Emergency Response Plan", Josiah helped to conduct evacuation drills to further improve the site's ability to respond to emergencies. In addition to these projects, he worked on ergonomic issues at the plant and even developed an ergonomic training seminar for workers. As a result of his hard work and exceptional performance during his internship experience, Josiah has accepted a full-time position with Georgia-Pacific as a Safety Associate.



IU Safety Students Set to Travel to Columbus, Indiana

By Anthony Smith

Have you every wondered how an automobile engine is assembled? Kindly note that the IU ASSE Student Student Section plant tour is scheduled set for **Friday, November 3rd** at the Cummins Columbus Midrange Engine Plant (CMEP). We are scheduled to arrive at the facility at 10 AM and tour the facility for an hour and a half. Cummins has a cafeteria, so students will be able to break for lunch after the tour.

Then the health, safety, and environmental team will be meeting with us to discuss safety-related issues. Cummins can accommodate up to 20 people for this tour, so students should RSVP by emailing me at as71@uemail.iu.edu. I will need to have a complete list of students and faculty who will be attending by **Nov. 2**.



OCTOBER 23, 2017

3

The ASSE Foundation: 2018 School Year Scholarships Available

More than \$250,000 will be available to safety students, including several Impact Scholarships of \$10,000-\$15,000, made possible by ASSE's community of individual, chapter, and corporate donors.

Scholarships are available for all students including undergraduates, graduates, full-time, part-time, and international students studying in the U.S. To apply, applicants must be in an occupational safety or related degree program. Additionally, they must have earned a minimum of 60 undergraduate credit hours (24 if working toward an Associate's Degree), will be graduating in May 2017 or later, and have a minimum 3.0 undergraduate and 3.5 graduate GPA (if applicable).

Applications must be completed online at foundation.asse.org/apply. Transcripts, a series of short answers, and a letter of recommendation will be required to complete the application. The deadline for submitting applications is 11:59 pm EST on Thursday, December 1, 2017. Scholarship winners will be notified in April of 2018.

Questions? Contact the Foundation at assefoundation@asse.org



The following Indiana University students were selected as 2016 ASSE Foundation Scholarship recipients.

Lucas Letner – \$3,000 scholarship

Tanner Warner – \$1,000 scholarship



Graduate Student Profile: Jaron Le

By Graham Turner



Where are you from?

Elkhart, Indiana

Do you have any fun hobbies?

Hobbies include: Strength Training, Brazilian Jiu Jitsu, drums, piano

How did you learn about safety? What initially intrigued you about the profession?

I heard about this program from a classmate well after I finished Undergrad in 2014. I knew I wanted to eventually earn a Master's Degree but like many people I didn't know what to go for. Once I heard about all the job opportunities and versatility of the degree I decided to commit.

What was your undergraduate degree and from what school?

Kinesiology from none other than the School of Public Health here at IU.

Why do you like being a teaching assistant?

Currently I enjoy working under Dr. Slates, a well-established professional in the safety field. It's a bonus to be able to attend and work with two of his Industrial hygiene courses to increase my understanding of the safety profession. Since the graduate program is now online, I also enjoy the time back in the classroom. Call me nostalgic, perhaps?

Have you ever been in an accident in the workplace?

Before I came back for graduate school I worked for an industrial coatings company. There was an incident where I was moving some pails of raw materials around and an unsecure lid popped off and I was splashed with some butyl acid phosphate. I escaped with some minor burns but it was a close one.

Where do you want to start your career? General industry, construction?

Since Dr. Slates is also one of my instructors/advisor, he asks me this frequently. Currently I am exploring my options but am slightly leaning towards something health care related.

Are you looking forward to any specific tasks? Accident investigation, employee training, hazard mitigation?

I love all the technical training that comes with a lot of safety jobs. Dr. Slates has slowly been introducing equipment that is industrial hygiene related and that has been enjoyable. During my time here at IU I am looking to attend as many workshops and ASSE meetings to hopefully get more exposure to these types of trainings.

Do you have any safety theories or predictions for the future of safety?

I have a feeling my generation of students will do great things. Nowadays there are so many certifications and degrees in safety. Hopefully the safety community will become saturated with more of these likeminded and good intentioned individuals.

Undergraduate Student Profile: Natalie Wozniak

By Graham Turner

Where are you from and how did you come across the safety profession?

I'm a junior here at IUB from Chesterton Indiana. I took an EMT certification course my freshman year and found the module on emergency management particularly interesting. I asked my advisors how I could learn more about emergency management and I learned that the School of Public Health offers an undergraduate degree in Safety. I did some research on the profession and was intrigued to find that safety incorporates a scientific background in a non-medicine field.



Do you have any favorite classes you have taken so far?

I'm minoring in the School of Public and Environmental Affairs in Environmental Management and I really like a class I'm taking on environmental toxicology. This is a science-heavy class that's taught me about common toxicants in the environment that could be encountered at work or at home. Many of these toxicants have been put into the environment by industrial settings in the past.

I also have really enjoyed taking Introduction to Safety with Dr. Alfred Capuano. One of the best parts about this class is that Dr. Al brings in many different safety professionals to speak to the class. It's been interesting hearing all the different routes the safety professional can take.

Have you ever been injured in the workplace?

I actually experienced carpal tunnel syndrome in my right arm while working in the fast food industry. This motivated me to discontinue manual labor and pursue higher education.

How would you like to begin your career as a young safety professional?

I think working with OSHA right out of college would give me great experience because I would have the opportunity to see many different plants and general industry settings from the perspective of the law. After that, I'd like to work for a pharmaceutical company where high-risk chemical processes are involved. I like the stability of the general industry setting. I like the idea of going to the same place every day and developing strong relationships with the people I work with.

Please describe your summer internship experience with Indianapolis Power and Light.

I worked at their power generation plant off of Harding Street on the southwest side of Indianapolis. I worked alongside two other summer interns who are also pursuing careers in safety. I began the summer focusing a lot on the plant's hearing protection program. The facility had recently switched from using coal to using natural gas to generate power. This created a lot of noise issues. I also spent a lot of time mapping fire extinguishers, first aid kits, automated external defibrillators, eyewash stations, emergency showers, and even exit routes. I posted these laminated maps around the facility and used reflective tape to ensure employees could spot them in the case of an emergency.

One of my favorite parts of the workday was meeting with my supervisor Roger Reynolds. Roger is the safety director for the whole plant and he did a great job to ensure we understood the real-world applications of our assignments. I spent a lot of time on OSHA.gov conducting research for future plant tasks to ensure compliance at his request. Roger emphasized the safety professional must understand the specific work processes and must also develop positive relationships with the workers. He stated that if you don't have an understanding of the process from the point of view of the worker, you cannot prevent any unwanted exposures or mitigate risks. I learned a lot from Roger this summer.

Why do you love safety?

I like the fact that I am directly responsible for making sure people are doing their job and doing it well, while at the same time, making it home to their families. I like how the profession is very people-oriented.

OCTOBER 23, 2017

Selected IU Partners and Companies



Looking for an Internship or Full-Time Employment Opportunity?

Don't hesitate to reach out to any company on this page. The following companies have recently posted open positions.



OCTOBER 23, 2017

Eyewear Safety Training Workshop

By Reilly Donovan

On October 4, 2017 the IU Student Section of ASSE held an Eyewear Safety Training session with Edge Safety Eyewear. Neil Powell, a Technical Specialist with Edge Eyewear traveled to the Bloomington campus to teach students about the ANSI Z.87.1 standard. The training session allowed students to recognize what to expect when selecting safety eyewear, and what makes Edge stand apart from competitors. The training included a presentation and hands-on application using Edge eyewear products. The interactive training allowed students to be engaged and interested in the learning. Volunteers were given candy for participating.

At the end of the session students had a better understanding and application of the ANSI Z.87.1 standard. Students who completed the training, received certificates in the ANSI Z.87.1 standard training additionally, students received a free pair of Edge Safety Eyewear. Neil was presented with a Certificate of Recognition from the IU ASSE Chapter for his presentation.



Eye Safety Facts:

By Dr. Kevin Slates

According to the Center of Disease Control (CDC), there are more than 10,000 eye injuries in North America every day. The Department of Labor has reported that 2,000 of these injuries require medical treatment and time off work, and the Bureau of Labor says 85% of these cases require up to 5 days off work.



OCTOBER 23, 2017

Graduate Safety Professional Designation (GSP) Information

The safety undergraduate degree programs on both the Indiana University Bloomington and Indiana Southeast campuses are now a Qualified Academic Program by the Board of Certified Safety Professionals. As a result, upon graduation, students can apply and receive the Graduate Safety Professional Designation (GSP).

The GSP designation will substitute for the required Associate Safety Professional (ASP) credential. The GSP designation is a very prestigious and valuable credential and highlights the rigor and quality of the IU Safety Program. Again, congratulations to the IU Safety Program and thanks to all who have contributed to the success of the program.

How to Apply

If you have graduated from a QAP during its accreditation period, you must submit a GSP Application and a copy of your transcript using 'My Profile' at www.bcsp.org. For information on QAP's visit www.bcsp.org/GSP.

Online Graduate Certificate Safety Management

Jump Start Your Career

Our Online Graduate Certificate in Safety Management is intended to give graduate students, and professionals a foundation in safety management coursework at the graduate level. If your professional goals include career advancement in public health and expanding your professional network, we encourage you to apply. The programs accommodate a wide range of academic backgrounds and career experience.

Complete each of the following required courses: (12 credits)

_____	3 cr.	SPH-S 502	Safety Education & Training Strategies
_____	3 cr.	SPH-S 513	Safety Management in Business & Industry
_____	3 cr.	SPH-S 610	Risk Assessment & Compliance
_____	3 cr.	SPH-S 632	Safety & Health Program Design



INDIANA UNIVERSITY

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Selections for the Future Leaders in Safety Conference

Congratulations to the following IU safety students!

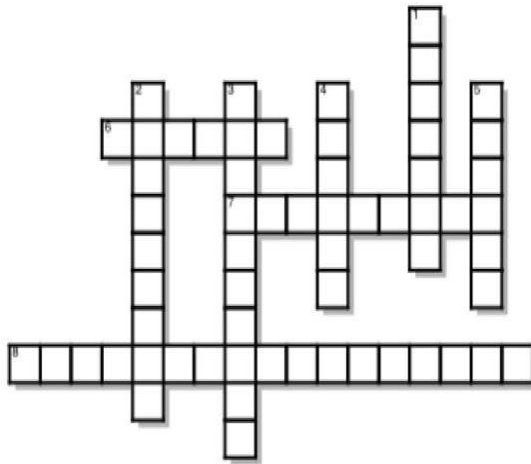
- Reilly Donovan
- Anthony Smith
- Isabella Byers
- Neil Ali
- Victoria Wilcox
- Carolyn Moore
- Charkia James
- Joshua Ayres

These students have been selected to attend the American Society of Safety Engineers Future Leaders in Safety Conference scheduled November 7-8th, in Lombard, Illinois. The selection process was competitive and other students are heavily encouraged to participate in future conferences and events.

The Future Leaders in Safety Conference provides unique opportunities to:

- Learn how to be an effective leader and communicator
- Engage in roundtable discussions with experienced occupational health and safety professionals
- Gain career advice from leaders and employers in the profession
- Hone resume writing and interview skills with resume critiques and mock interviews
- Explore options for advanced degrees, certifications, internships and employment

Safety Crossword



ACROSS

- 6 Dr. _____ is the great faculty advisor for the IU ASSE student section
- 7 OSH professionals focus on the prevention of accidents in the _____
- 8 Once the root cause has been determined, the safety professional must recommend _____

DOWN

- 1 This form of PPE protects against head injuries
- 2 The industrial hygienist focuses on the prevention of _____ rather than injuries
- 3 _____ is a key to success and can occur by connecting with new people
- 4 The safety professional must avoid placing blame on the _____
- 5 This is the greatest profession of modern times

OCTOBER 23, 2017

Are You an ASSE Student Member? Apply Now!

The ASSE student membership is for those pursuing an undergraduate or advanced degree, in a safety-related degree program. Your development as a safety professional is not the result of a single course or a memorable professor. Rather, it depends on a whole series of decisions you will make about your development in your chosen profession. ASSE membership is one of those decisions. Student membership is only \$15. Please be sure to include the following information below in your application.

Sponsor name: Dr. Kevin Slates
 Membership number: 57870
 Faculty advisor: Dr. Kevin Slates
 Email: kslates@indiana.edu
 Title: Associate Clinical Professor
 School: Indiana University Bloomington

Meeting Dates
 Location: SPH 125

Oct. 23th

Nov. 13th

Dec. 4th

2:30 p.m. to 4:00 pm

Your 2017-18 Student Officers

Who writes these newsletters?



Dr. Kevin Slates
Editor



Graham Turner
Associate Editor



Reilly Donovan, President



Megan Barnes, Secretary



Anthony Smith, Vice President



Isabella Byers, Treasurer

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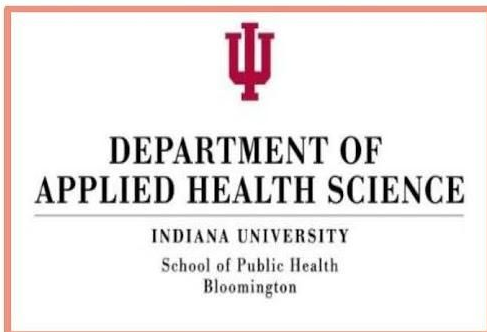
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SAFETY WATCH

A TECHNICAL NEWSLETTER

IU SAFETY PROGRAM



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IU ASSE Completes Tour of Cummins Engine Assembly Plant

By Dr. Kevin Slates

On November 3rd, Indiana University students completed a tour of the Cummings Engine Assembly Plant. Over 17 students participated in the event. The turnout was great considering it was on a Friday. A special thank you goes out to Cummins EHS Professionals, Steve Ryan, and Jacob Barber and Anthony Smith for providing lunch and arranging the facility tour.

**Student Experience**

By Jake Gantman

I was able to attend a tour of the Cummings manufacturing plant located in Columbus, Indiana. Cummings is a corporation that produces engines. This particular manufacturing plant produces all of the engines that are placed into Dodge Ram trucks. A large majority of the engines produced at this facility find their way into Dodge Ram pick-up trucks as well as being used in commercial vehicles manufactured by Dodge. Our tour guide stated that this particular Cummings manufacturing plant produces 4,000 engines a year.

At the diesel engine plant, Cummings employs about 800 people over three shifts. One of the questions asked from our tour group was, "What is the most common hazard that you encounter?" and our tour guide immediately replied, ergonomic hazards. The process of putting together an engine on the assembly line is an extremely repetitive task. I thought the control methods used to prevent ergonomic hazards were the strongest controls the company had in place.

Overall, I think that the level of safety in the Cummings manufacturing plant is high. It was very clear that safety was the number one goal of this particular plant. They did a good job of implementing their control methods to effectively reduce the number of accidents that occur.

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2

IU Safety Students Make Big Impact at ASSE's Future Leaders in Safety Conference

By Dr. Kevin Slates

From November 7-8th, Indiana University Safety students attend the American Society of Safety Engineers Future Leaders in Safety Conference in Lombard, IL. Students participated in a day filled with roundtable discussions, networking events and workshops.



Student Experience

By Carolyn Moore

The Future Safety Leaders Conference started early in the morning with registration and breakfast beginning at 7:45 a.m. on November 7th. The attire was business casual and it was recommended to bring at least 5 copies of your resume. We had the opportunity to participate in four roundtable discussions on Tuesday with multiple rotation options as well as facilitator biographies. Prior to attending the conference, student's researched information about conference sponsors websites.



Students present Etta Dickinson of Georgia Pacific with a certificate of

Conference sponsors include Board of Certified Safety Professionals, Georgia-Pacific, Liberty Mutual Insurance, Fiat Chrysler Automobiles, Shirley Parsons, ProcessMAP, and SPAN.

My favorite activity was picking a specific roundtable that fit my interest as a future safety professional. I chose to attend the "Women in Safety Engineering" Table and the "How to get an Internship" Table. It was very helpful to receive information and advice on the specific topics that I was curious about.

I would highly recommend that students attend the conference because it gave me a sense of belonging and encouraged me to dive deeper into the field of safety. There are so many people in the safety field to network with and so many students with the same field of study that attend, making it easy to relate to one another. With the major of Safety not being well acknowledged at our university, attending the conference gave me the confidence and drive in knowing that my future as a safety professional is bright and that I have many resources that can help me along the way.

My greatest take away would be that as a future safety professional, character and attitude matters as much as skill and knowledge. Also, a safety professional must make leadership an action, not just a title.

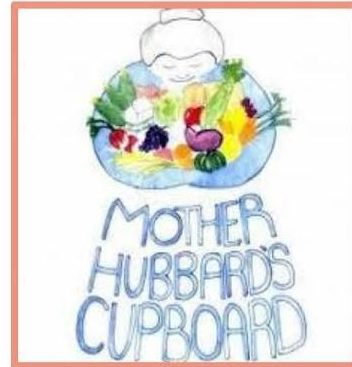
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IU ASSE Canned Food Drive

By Reilly Donovan

As we reach the holiday season, IU ASSE would like to give back to those less fortunate than us. We are currently holding a Canned Food Drive supporting Bloomington's Mother Hubbard's Cupboard. Our goal for this semester is 60 pounds. The donation box is located in the lobby of the School of Public Health near the main entrance doors. Food has been donated for the Thanksgiving holiday and we will continue the food drive through Christmas break. If you are able, please consider donating!!



Available Now: New IU ASSE Apparel



Students Carolyn Moore and Anthony Smith model the IU flashy, white dress shirts



The fall ASSE Apparel is here! These embroidered dress shirts from Port Authority cost around \$33. You may choose a red shirt with a white logo and/or white shirt with a red logo in both men's and women's styles.

If interested, please contact Reilly Donovan at rkdonova@indiana.edu

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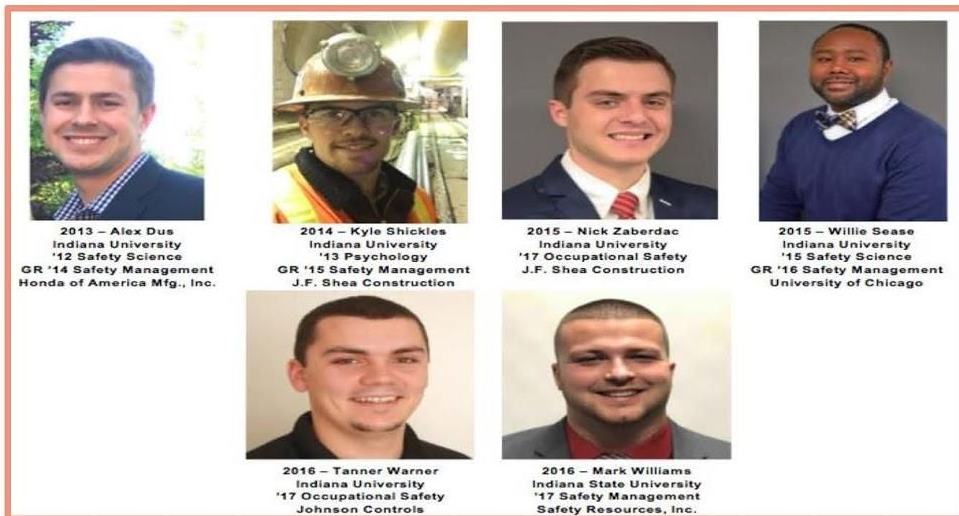
Central Indiana ASSE Future Leaders Golf Outing



This event is a great opportunity to network with professionals throughout the industry. The student price is \$40 to attend the outing.

The scholarship application is available on the Central Indiana ASSE website under the "Section Documents" tab and was distributed through the list-serve on November 26th. Completed applications are due by December 31st, 2017 and shall be submitted to centralindianaasse@gmail.com

Pictured below are previous scholarship recipients, familiar faces!



2018 Sponsors

If interested in sponsoring or volunteering, contact golf@centralindiana.asse.org



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IU ASSE October Meeting Summary

By Megan Barnes

On October 23, 2017 the Indiana University ASSE student section meeting was held to update the students on upcoming conferences, tours, and philanthropy opportunities. John Radecki of Cook Medical was also able to attend to enlighten the students of future ventures and how Cook Medical became what it is today.

Every year, a select few students are chosen to attend the Future Safety Leaders Conference. This year's attendees include: Neil Ali, Joshua Ayres, Isabella Byers, Reilly Donovan, Charkia James, Carolyn Moore, Anthony Smith, and Victoria Wilcox. These ambitious students will be able to mingle among other safety students from all across the country while having the opportunity to pick the minds of some of the most experienced Safety Professionals. Congratulations to these bright, young students.

Indiana University ASSE section member, Megan Barnes, was also able to present her internship experience from this past summer. Miss Barnes worked for Heritage Group Safety and was able to gain experience in construction, mining, and the manufacturing industries. The diversity of information provided by Miss Barnes was able to demonstrate to the students how many different facets there are in safety and just how many hats a Safety Professional might wear.

Mr. Radecki of Cook Medical demonstrated to the students that sometimes safety is not chosen. He was able to enlighten the students with his background and how he had always wanted to be a fireman but somehow safety had fallen into his lap and it was the perfect fit. He reminded the students that this job is for people who care about what they do for a living. Mr. Radecki told the students that they must always remember why they chose safety and to make sure to work every day to keep that reason intact.

Mr. Radecki was also able to give an incredible look at the background and growth of Cook Medical. The students were able to see how the company started by manufacturing medical supplies in home to eventually becoming one of the largest medical suppliers in the US.

Mr. Radecki was an amazing speaker and was able to teach the students about some of the harder aspects in safety. The IU ASSE student chapter was pleased to host Mr. Radecki and would like to thank him for his insight and taking the time to come and speak with us.



Dr. Slates presents a certificate of appreciation to Mr. John Radecki



IU Students, faculty, and guests gather for a great picture

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Faculty Spotlight: Jody Grizz

By Graham Turner

Where are you from?

I'm from Louisville Kentucky.

Do you have any fun hobbies?

I used to bowl and play golf but the past few years I haven't had the time. I like to remodel, I've remodeled just about everything in my house. I've built a deck, I've done drywall, plumbing, tiling, any kind of home repairs I can. I've also completely redone our master bathroom and basement. My success in remodeling and repair was largely found on trial and error.

Do you have any pets?

I have a cat at home and a fish tank in my office at work. I have around 30 swordfish in the tank. It's pretty relaxing to watch my fish while I'm on the phone or when I need a breather. This helps relieve stress.

What's the most challenging obstacle you have overcome in your career?

The most challenging obstacle I've had to overcome in my career is trying to balance work and family life. I've managed to find ways to balance the two as best as I can. For example, when I worked at 6-Flags on the weekends, I took the kids with me so they could go ride the rides, this gave my wife time to rest. I've never missed recitals and I've made all of my son's ball games. Things work out, you do what you have to do. Things can be done.

Which courses have you taught here at IUB and at IUOE?

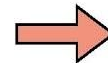
When working towards my master's degree from IU Southeast I took OSHA general industry and construction, safety systems, ergonomics, safety engineering and technology, industrial hygiene. After graduating, I began teaching those same classes here in Bloomington and at IUOE. I've taught OSHA Construction and General Industry Standards courses, safety program management, first aid and emergency care, safety education and training, intro to industrial hygiene, advanced industrial hygiene, prevalence of violence in American society, safety performance metrics, and disaster response and recovery. One thing I would like to see added to the program is a course on fire safety.

What made you enter the occupational health and safety profession?

I began my career as a volunteer firefighter in 1982. I joined Louisville Gas and Electric and worked in the laboratory for 19 years doing coal analysis as well as boiler water analysis. We took samples of each to ensure purity and pH levels. Eventually I was promoted to the position of health and safety specialist at the Cane Run plant. I was always part of the safety committee and the emergency response team. I was part of the plant emergency response team for 26 years and after being the chief of the team for 5 years, I became the safety and health coordinator. When I became safety and health coordinator, I realized I did not know enough about safety. I decided to pursue an education in the field. I was educated by Ron Haul at IUOE and I graduated in 2002 with a bachelor's degree in Occupational Safety. I also obtained a certificate and associates degree in 2002 in hazard control technology. Next, I obtained an MBA from Indiana Wesleyan in 2005. Two years later, I started teaching back at IUOE. During this time I was also working on the fire department and working at 6-Flags Kentucky Kingdom as an EMT supervisor from 1999-2004. I was the captain of our fire department from 1982-2003. In my work at LG&E I eventually left the Cane Run plant and went over to the corporate office to do health, safety, and environmental audits as a Certified Professional Environmental Auditor and a Certified Safety Professional. I am also a Certified Utility Safety Administrator. After working in audit for 3 years, I began work in business continuity and security. I am currently the Continuity Program Coordinator using my knowledge as a Certified Business Continuity Professional. I've been an EMT instructor in Kentucky since 1995. I've also taught for the Kentucky State Fire Rescue for 15 years.



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Faculty Spotlight: Jody Grizz - Continued from Page 7**How do you ensure your course material stays relevant and up-to-date?**

My courses at IUSE rotated every 18 months. I review all my PowerPoints and materials before beginning a class. I stay up to date using OSHA.gov. One tool I've used in the past is my students! Those who take an independent study as a professional elective course need a project to work on all semester. I'll have the students revise and refresh all my material based on new standards and regulations as a research project. These can be used to gear their topic to a class they may have missed due to the 18 month course rotation.

Have you ever been injured in the workplace?

Many years ago at the Cane Run station, I blew my back out lifting 100lb bags of sodium bicarbonate into the aeration tank to raise the pH levels. I did traction in the hospital for three days and then onto physical therapy for a while. Since then I've had one back and two neck surgeries. I once burned my wrist while putting out a chemical fire. I sliced the same wrist when a door popped out at me after using the Jaws of Life to save someone in a car wreck. I made strong recommendations for the use of gloves that covered the entire wrist after those injuries.

Why do you love safety?

I love safety because what it all comes down to is helping other people. I want to see everyone come home the same way they came in to work. I've seen accidents happen too many times, I don't want to see any more people get hurt. I wish engineering students were required to also study safety. Safety needs to be brought into the early stages of design.

What are your biggest tips for us young safety students?

I recommend students to have an understanding of how things work mechanically so you understand the work at its most basic level. You should expect to be putting out fires and mediating between the workers and management. Workers may try to make things into safety issues when they may be just convenience issues. I've learned that safety committees should not be a gripe session but work much better when people come with solutions to review. I recommend students to take psychology classes because you will deal with the workers one-on-one and a psychology background could help to maximize communication.

Describe your plans for retirement.

I'm off to Florida. My daughter and son in law work at Disney. Their goal is to open up a performing arts studio. He teaches musical theatre and she teaches dance. I'm looking forward to spending much more time with my grandson. We found a house with a pool in Port St. Lucy, about one hour north of Ft. Lauderdale, 30 minutes from the beach. I'll try to find a safety job down there, if not, I'll be plenty happy working at Lowes or Home Depot.



Professor Dr. Trent Applegate and AHS Department Chair Dr. David Lohrmann enjoy a luncheon at the Tudor Room in honor of Jody's retirement

Jody takes students of his OSHA construction standards class to the Cane Run power plant, where he worked for nearly 30 years



DECEMBER 28, 2017

IU ASSE November Meeting Summary

By Megan Barnes

The IU ASSE November student section meeting was packed full of information for upcoming events and was also pleased to host Julie Alexander, Director of General Industry for the Indiana Department of Labor.

Students will have the chance to work with Bruce Bare, Risk Management and Emergency Preparedness Specialist for SPH, to help him develop a business continuity plan for the School of Public Health. This includes determining how the school can recover after an emergency, assessing the needs of the departments, and creating inventory of items needed in case of an emergency. Further information is still to come.

The students were also able to hear about the amazing internship that Britney Lester completed over the summer. She worked for Georgia Pacific and was able to take on her own project during her internship. Britney was able to give great insight on what students should expect from their internships and future employees.



Julie Alexander



Britney Lester

Our technical speaker, Ms. Alexander, discussed state employment opportunities and what exactly those jobs entail. She then went on to discuss workplace fatalities and the necessary requirements for reporting these and other such injuries that can occur. She was able to explain how the new requirements will be enforced in the state of Indiana and the date that they will start being enforced. This crucial information was presented in a concise, easy to read table.

Ms. Alexander's diverse background and extensive knowledge has made her visit influential for all the students present. The IU ASSE Student Section would like to thank Ms. Alexander and the many others who continue to contribute their knowledge and experience to the students at Indiana University.

Undergraduate Student Profile: Spencer Mattix

By Graham Turner

Where are you from?

I'm from Knightstown, IN

Do you have any fun hobbies?

I enjoy working on classic cars, fishing, and going to concerts.

Do you have any pets?

I have a pug named Trixi and a black lab named Duke.

Do you have any favorite classes you have taken so far?

I liked History of Rock n Roll and Introduction to Industrial Hygiene. I also enjoy any class taught by Dr. Al Capuano,

How did you learn about safety? What initially intrigued you about the profession?

I learned about the safety field through my academic advisor during my freshman year. The idea of doing something different and having the ability to travel often intrigued me when I first learned about the field.

Have you ever been injured in the workplace?

Yes but nothing serious, only some minor cuts and scrapes that required first aid treatment.

Please describe your summer internship experience.

I worked at a natural gas compressor station for TransCanada. The station was in the final phase of the overhaul of compressor engine #952. It was the only compressor engine overhaul done in-house in the country. I helped assemble the engine and assisted in the commissioning process. When I wasn't working on the engine I was keeping records on fire extinguishers, eye wash stations, and performing lock out tag outs on the engines while we were working on them.

How would you like to begin your career as a young safety man?

I would like to find a job in the natural gas field. I enjoyed working with my hands and getting into the action last summer

Do you have any theories or predictions for the future of safety?

I keep hearing that a new generation of safety professionals are on their way into the industry, so it will be interesting to see what changes, but I am not sure what that change will be.

Why do you love safety?

It is a rewarding profession, being able to go home at the end of the day knowing that you've helped someone is important to me. Also, every person that I've met through safety has been a great person. It is close knit community with a common goal.

Describe your plans for retirement.

Hopefully it comes sooner than later. I'd like to live on the Gulf of Mexico with my friends and family, hopefully owning a fast car or two.



Spencer's Beloved Automobile

IU ASSE December Meeting Summary

By Graham Turner

Our final meeting of the fall semester was held on December 4th. We were joined by guests Graham McKeen of IU Bloomington Environmental Health and Safety and Chase Laughed of Milestone Contractors.

Reilly Donovan began the meeting with a general overview of our state. Reilly recommended members to follow our student section's social media pages on Facebook and LinkedIn for tour updates, internship opportunities, as well as general announcements and information. Reilly also recommended students to join our research project covering a Business Continuity Plan for the School of Public Health, further information available on the next page. Reilly updated the group on our fall canned food drive and advocated for students to nominate fellow peers to be featured in our newsletter.

Our secretary, Megan Barnes, is graduating this month and her officer position needed to be filled for the spring. Our newsletter editor, Graham Turner, gave a brief speech on his qualifications and goals for the student section and was unanimously elected into the position, free of opposing candidates.

Our vice president, Anthony Smith, presented on his summer internship with J.F. Shea Construction. He gave a brief overview of the company's history then discussed the tunneling project he worked on in Indianapolis. Anthony was responsible for new-hire orientations, daily job-task training sessions, air monitoring, investigations, inspections, and much more. Very impressive work, especially for an intern position!

Our technical speaker was Graham McKeen, Director of Environmental Health and Safety and Public and Environmental Affairs. Mr. McKeen discussed his responsibilities as a manager with IU EHS. Mr. McKeen oversees the handling of worker's compensation claims made by IU employees. He mentioned that another large part of what his team handles are the RPS dining services here. His team regulates food service on campus through registration, permitting, inspections, and enforcement. He also discussed construction safety as it relates to school faculty and staff. Thanks for sharing, Mr. McKeen!

Chase Laughead presented on his summer internship turned full-time position with Milestone Contractors. Chase discussed the safety practices at Milestone such as employee incentive programs and the motto of "safety by choice, not by chance". He discussed some of his primary responsibilities such as speaking at conferences and orientations as well as performing inspections and investigations. He also gave advice on finding and securing internship opportunities. Chase is now the safety manager for the Columbus, IN area, congratulations!



Chase Laughead



Graham McKeen



Anthony Smith

DECEMBER 28, 2017

11

Business Continuity Research Project



Our student section research project has begun! We are working with Bruce Bare, Risk Management and Emergency Preparedness Specialist for the School of Public Health. The research objective is to examine laboratory business continuity needs and potential gaps in addressing intervention and preparedness.

Our research group will assess the specific needs of each department and create an inventory of the items necessary to recover and continue research and education.

Volunteers are needed in order to complete the project by the 1st of April. If you are interested in joining, please contact Reilly Donovan at rkdonova@indiana.edu



IU Students Attend Central Indiana ASSE Chapter Meeting



By Reilly Donovan

The Central Indiana ASSE chapter held its December meeting on the Friday, December 8th, 2017. Our student section had 5 students attend: Megan Barnes, Anthony Smith, Carolyn Moore, Natalia Walker, and Reilly Donovan. Students were able to network with representatives of companies such as Nationwide Insurance, 3M, Heritage Group, Trinity Safety Group, and more. Additionally, students listened to a technical speaker from 3M speak on the new Fall Protection standard, and what the standard means for the industry. Overall, students gained valuable knowledge and networking opportunities.

DECEMBER 28, 2017

12

Congratulations to December 2017 Safety Graduates!

INDIANA UNIVERSITY

By Dr. Kevin Slates

The following students have earned undergraduate and degrees from the Indiana University Safety and Safety and Management Programs. It was pleasure to have served as your advisor and professor. On behalf of the department chair, D. David Lohrmann, and the safety faculty, congratulations on your accomplishment and good luck in your future endeavors.

1. Megan Barnes
2. Brittany Lester
3. Josiah Moore
4. Victoria Wilcox
5. Joshua Arndt
6. Jonathan Moore
7. Chris Herbert.
8. Cullen Fenoughty



DECEMBER 28, 2017

13

IU ASSE Student Section General Information

The ASSE student membership is for those pursuing an undergraduate or advanced degree, in a safety-related degree program. Your development as a safety professional is not the result of a single course or a memorable professor. Rather, it depends on a whole series of decisions you will make about your development in your chosen profession. ASSE membership is one of those decisions. Student membership is only \$15. Please be sure to include the following information below in your application, found on the ASSE website.

Sponsor name: Dr. Kevin Slates

Membership number: 57850

Faculty advisor: Dr. Kevin Slates

Email: kslates@indiana.edu

Title: Associate Clinical Professor

School: Indiana University Bloomington



Reilly Donovan
President



Megan Barnes
Fall Secretary



Dr. Kevin Slates
Faculty Advisor
Newsletter Editor



Anthony Smith
Vice President



Isabella Byers
Treasurer



Graham Turner
Associate Newsletter Editor
Secretary Elect

Indiana University – ASSE
1025 E. 7th Street
Bloomington, IN 47405
School of Public Health – Bloomington

DECEMBER 28, 2017

14

SAFETY WATCH

A TECHNICAL NEWSLETTER

IU SAFETY PROGRAM



Inside This Issue

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Reilly Donovan's Tips for Spring Break Success

ASSE Foundation Scholarships

IU ASSE Continues Partnership with Indiana DOL

General Student Section Information

March 31, 2018

1

IU ASSE Completes Tour of "Graduate Hotel" and Ernie Pyle Hall Renovation

By Kevin Slates

I would like to extend my sincere appreciation to Gino Martino, of the Weddle Brothers Construction for hosting the IU ASSE Student Section tour Friday, March 2nd. The tour consisted of a walk through of the Graduate Hotel and Ernie Pyle Renovation Projects. I noticed that the elevated surfaces were protected with guardrails that meet OSHA requirements for top and mid-rail criteria. Way to go Gino!

March 31, 2018

2

Indiana Health and Safety Conference & Exposition



By Kevin Slates and Graham Turner

ASSE members Graham Turner, Natalia Walker, Kelsie Finch, Reilly Donovan, Isabella Byers and Seth Wagner all attended the Indiana Safety and Health Conference & Expo. The Indiana University Safety program in the School of Public Health was a sponsor of the Safety and Health Conference and also an exhibitor. Student section members stopped by the booth periodically throughout the day to assist with speaking about the safety program at Indiana University.

Students Graham Turner, Natalia Walker, and Kelsie Finch attended workshops throughout the three-day conference on topics such as effective safety training, the new Silica construction standard, bio-mechanical and ergonomic discussions, and lagging vs. leading indicators. During the expo, students chatted with many safety professionals including members of the parent chapter and conference sponsor, Central Indiana ASSE. Students were sure to take advantage of the professional development booths as well as the chair massage service!



March 31, 2018

3

IU ASSE Winter Coat Drive

By Graham Turner

Our student section held a winter coat drive beginning at the start of the spring semester and concluding March 1st. We collected a total of six winter coats! These coats are large, heavy-duty, and in great condition. We have donated these coats to the Salvation Army. Thank you to all who donated.



IU ASSE50/50 Raffle for Make-a-Wish

By Graham Turner

The student section will be holding a 50/50 raffle to benefit Make-a-Wish foundation on April 13th from 12-2pm at the Sample Gates. Tickets will be sold at \$1. The raffle winner receives half of the profits and Make-a-Wish receives the other half.

In spring of 2017, we raised \$170 for the Make-a-Wish Foundation.

Please stop by and enter your name in the drawing!

Address:
E Kirkwood Ave & S Indiana Ave, Bloomington, IN
47405



Make-A-Wish®

March 31, 2018

4

Undergraduate Student Profile: Steven Seiwert**Where are you from?**

Spencer, IN

Do you have any pets?

I have a cat, but he lives at my parent's while I'm here in Bloomington

Do you have any favorite classes you have taken so far?

I like Emergency Management a lot, Mr. Summerlot has a ton of experience and his stories are fun and entertaining.

How did you learn about safety? What initially intrigued you about the profession?

I learned about safety from my dad. He does loss control, and as a kid he would take me to different job sites. I remember him taking me to a turkey farm, an RC Cola bottling plant, a tire retreader, and a couple construction sites. He would also tell me a bunch of stories. Like a guy got his scrotum impaled by a sliver of wood that shot off a table saw, and another about a Jimmy John's driver who had his junk ripped off when he was run over by a UPS truck. He tells me a lot of genital horror stories. There was another story about a guy who had the skin on his shin filleted off when he dropped a pane of glass he was carrying. Also, about a guy who tried to kill himself by shooting himself in the face with a nail gun.

Have you ever been injured in the workplace?

Yes. While restraining an offender who was trying very hard not to be restrained, I fell on my shoulder and tore up a bunch of cartilage. I did manage to get cuffs on the guy, so it was a win for me. I ended up having to have surgery to sew it all back together, and then I had 6 months of physical therapy to regain use of my arm. What's funny is that a few days earlier I had a wiccan offender tell me he put a protection spell on me, since he liked me, clearly it didn't work.

Please describe your experience/lessons learned at your job as a Correctional Officer.

The title was Correctional Officer. I did lots of things. Every shift we'd have roll call where we'd go over new developments, so everyone knows what's going on and no one goes in blind. We'd emphasize that everyone goes home the next morning the same way we came in.

When doing transports I would take offenders to hospitals for treatment. I'd coordinate with hospital security, and sometimes local LEOs, to maintain safety and security of the public and for the offender.

I was also a Weapons Team Leader, which means I lead a 5-person riot control team. There was a lot that went into that to keep my guys safe. There was also some stuff that went into how to safely take down offenders, but that largely consisted of trying not to shoot them in the face or head with a baton round or pepper ball.

I was also trained and positioned as Master Control, which is essentially dispatch for a prison. I would monitor the radio and cameras for emergencies and send the Quick Response Team (QRT) to fights, medical emergencies, and staff assaults. I was also a qualified QRT member. Also, as master control I would make escape packets for the new offenders. An escape packet consisted of the offender's charges, their physical description, a photo, as well as a list of relatives or friends they might try to contact.

What's the most challenging obstacle you've overcome in your young career?

Trying to four-way a guy to a hospital bed by myself while he was trying to bite me. I succeeded.

Who do you consult when seeking career advice?

My dad, he's got over 30 years of experience in safety and I value his insight.

How would you like to begin your career as a young safety man? (General industry consulting? Construction? Any specific responsibilities you'd like to master... training? Investigations? Inspections?)

I'd prefer to go into general industry. There's too much mud in construction. I'd also love to work in the aviation or defense industry. I've always loved learning about planes and I'd like to work around them.

What do you love about safety?

What I like is that safety is involved in all industries and fields. It gives safety people the opportunity to learn about everything, instead of being forced to specialize on any one topic.

March 31, 2018

5

Central Indiana ASSE Future Leaders Golf Outing



By Isabella Byers

On March 13th, 2018 at the Indiana Health and Safety Conference, our student section had three students who were selected to receive scholarships from Central Indiana American Society of Safety Engineers. Students Reilly Donovan, Carolyn Moore, and Isabella Byers were the three recipients. Reilly received a \$1,000 Future Leaders of Safety Scholarship, Carolyn received the \$500 2018 CIASSE Golf Outing Scholarship, and Isabella received a \$500 Future Leaders of Safety Scholarship. Carolyn accepted her scholarship on the IU campus from Dr. Al Capuano, who is an adjunct safety professor here on campus as well as a long-time ASSE member and safety professional. Reilly and Isabella accepted their scholarships at the conference during the opening ceremony speech, which was given by Mr. Chet Brandon, who is the current CIASSE Chapter President. All three of these young ladies work hard and represent our student section well and with pride, congratulations are in order for their achievements



March 31, 2018

6

IU ASSE January Meeting Summary

By Graham Turner

Our student section hosted the first meeting of the new year on January 18th. IU Safety Alum Lucas Letner was our technical speaker. He spoke on his first year out of college working in the GM foundry plant in Bedford, IN. He discussed the structure of safety management at GM, current incentive programs, and his responsibilities as a new-hire. He also advised students on how to interview for jobs effectively and how to create a powerful LinkedIn profile. Thank you very much for your visit, Luke!



DECEMBER 28, 2017

6

IU Students Attend Central Indiana ASSE January and February Meetings at 3M and Cintas

By Graham Turner

On January 19th, Graham Turner picked up IU student and long time friend Jordan Bray and the two of them drove up to 3M on west 79th street in Indianapolis. Speaker Mark Frye overviewed plant operations and demonstrated ear-fit sound testing equipment. The group was led on a tour of the ear protection plant.

IU ASSE members Brianna Frye, Natalia Walker, Dillon Knapp, and Graham Turner attended the Central Indiana ASSE February meeting and technical tour of Cintas Corporation, February 16th. Cintas Corporation General Manager Jason Hill hosted the meeting and students heard from CIASSE President Chet Brandon as well as VPP Leader Beth Gonzalez of the Indiana Department of Labor. Students seeking internships were recommended to contact companies currently pursuing VPP status, found on the Indiana DOL website.



DECEMBER 28, 2017

7

SPH Holds Information Sessions with Arconic and Protective Insurance Company



DECEMBER 28, 2017

Alfred Capuano wins CIASSE's Safety Professional of the Year Award

I'm pleased to announce that Dr. Al Capuano was honored at the Indiana Safety & Health Conference with the Central Indiana American Society of Safety Engineers Chapter Safety Professional of Award. This award recognizes safety professionals for their personal and professional contributions in the field of occupational safety and health. Dr. Al, your contributions to the Indiana University Safety Program don't go unnoticed. Please join me in congratulating Dr. Al for this very prestigious award.



DECEMBER 28, 2017

9

IU ASSE February Meeting Summary

By Graham Turner

On February 15th, the IU ASSE Student Section held its second meeting of the semester. Section treasurer Isabella Byers was presented with a member reimbursement grant for the amount of \$700 from the Central Indiana ASSE Chapter. Section Vice President Anthony Smith updated the group on current activities and upcoming events, detailed below. Former IU ASSE President Kyle Shickles of J.F. Shea Construction delivered a technical presentation on the Deep Rock Tunnel Connector project in Indianapolis as well as lessons learned in his young career. Thank you very much for visiting, Kyle.



DECEMBER 28, 2017

1

Undergraduate Student Profile: Natalia Walker

By Graham Turner

Where are you from? Fort Wayne, Indiana

Do you have any fun hobbies? I just love hanging out with my friends and being spontaneous.

How did you learn about safety? What initially intrigued you about the profession?

As I was switching majors for the 4th time, my adviser introduced me to safety. What intrigued me about safety was that it is a growing field with many job opportunities as well as a lack of minorities. Being a woman and a biracial candidate I thought it would be a great opportunity to go into safety. Originally, I did not think safety would be for me, but after taking some courses and talking to professionals I realized it was more than what it seemed. It was something that could change people's lives for the better and I am all for that.

Please describe your experience/lessons learned at your current internship.

Currently at my time as an intern with the Human Resource/ Risk Management department at Bloomington Meadows Hospital, I have learned that there are always going to be changes within the workplace. As a leader a human resource employee, you must be capable of leading a group of people to make sure the job is best for the worker. Also, it is crucial that everything that is reported should not be taken lightly regardless of the situation. In this role, you must be someone the people can trust.

What's the most challenging obstacle you've overcome in your young career?

The most challenging obstacle I have overcome is getting outside my comfort zone and networking. I used to be extremely introverted. With the safety program, I have met some really great people who have got motivated and helped me get outside my comfort zone. Another obstacle I have overcome is staying on track to graduate. I have had 4 majors throughout my college career. This has caused me to get behind in my studies. Since I had a plan and goal to graduate in 4 years (May 2019) I had to take summer courses and take on heavier loads each semester. Although this has been hard, I have gained time management and discipline from this experience.

Do you have any theories or predictions for the future of safety?

I believe safety is only at its early stages at the moment, but is starting to take off. It is a field that is continuously growing and making improvements. Considering all workplaces are affected by safety, many workplaces have either newly developed a safety program or are starting one now. I believe the safety industry will become one of the biggest industries since it is so essential.

Why do you love safety?

I love safety because I am able to be a leader and help people. I enjoy bringing new ideas to the table and with safety I am able to use that technique. Also, I am always open to helping people and with safety I am able to educate myself to help the next person. I believe I can be myself in the safety environment and that is what I love most about it.

Describe your career goals.

For my career, I see myself graduating with an MBA, a few years of work experience, and hopefully becoming a higher leader such as CEO of a company. I am looking to start my own business sometime down the line which allows me to retire at the expected age. For my personal life I want to have a family and be married. With that being said having my own business, higher education, and plenty of work experience gives my children a solid foundation to start their career as well. I hope by the time of my retirement I have made a difference and helped the next generations.

IU ASSE March Meeting Summary



By Graham Turner

On March 8th at 2:00 pm IU ASSE hosted our third meeting of the spring semester. This month's technical speaker was former IU ASSE student section president Willie Sease! Willie earned both his Bachelor's and Master's degrees in Safety Science and Safety Management from IU Bloomington in 2015 and 2016. He currently holds the position of Health and Safety Coordinator with Stratas Foods LLC down in Texas. Willie will discuss his transition from a student to a professional in the field and gave an overview of company operations, locations and history. He also encouraged students to attend ASSE's Safety 2018 Conference in San Antonio. Thank you for your visit, Willie!



March 25, 2018

11

Reilly Donovan's Tips for Little 500 Success

Little 500 Tips



- Hydrate the day before the race
- Hydrate throughout the race day
- Eat a healthy breakfast, and remember to eat throughout the day
- If consuming alcohol, do so in moderation, know your limits
- Wear sunscreen and lip balm with SPF 30
- Wear sunglasses to protect your eyes from sun damage
- Always travel in groups or pairs of 2, never alone
- Do not bring in any weapons, or alcohol to the race, security will check bags
- If questioned by security or police, do as they say and remain calm
- When at the race, do not use crude language or cause scenes
- Be respectful of other spectators around you
- Have FUN!

March 25, 2018

12

ASSE Foundation Scholarships

By Dr. Kevin Slates

I would like to encourage IU Safety Program faculty, staff and students to make a small or large donation to the American Society of Safety Engineers Foundation. Each year, the Foundation has awarded more than \$2.6 million in scholarships and professional education grants to students beginning their studies in occupational safety as well as safety professionals seeking to continue their education. In addition, the ASSE Foundation supports the annual Future Leaders in Safety Conference. It's important to note that the conference is offered at no cost to students. Last year, IU Safety Students, Tanner Warner and Lucas Letner received over \$4,000 in scholarships. If you can do so, I encourage you to submit your [donation](#). Thank you in advance for your consideration.



Aurora Le

ASSE Diversity Committee Scholarship of \$1,000

This year's winners include...



Graham Turner

ASSE Foundation Central Indiana Jim Kriner Memorial Scholarship of \$3,000



Carolyn Moore

ASSE Foundation ACIG Scholarship of \$2,500



March 25, 2018

13

IU Safety Program Continues Partnership with the Indiana Department of Labor

By Dr. Kevin Slates

I'm pleased to announce that the Indiana University Safety Program will continue its partnership with the Indiana Department of Labor's Occupational Safety and Health Program. Last week, Dr. Slates met with IDOL Commissioner Rick Ruble and Deputy Commissioner Timothy Maley to discuss the partnership. According to Dr. Slates, IDOL officials expressed their continued support of the IU Safety Program. Last summer, the IU Safety Program placed its first safety intern with IOSHA. It is our hope that this partnership will continue to provide qualified safety and health professionals to serve the state of Indiana and protect Indiana workers. Rick Ruble is a graduate of Indiana University's McKinney Law School and Timothy is a graduate of Purdue University.



March 25, 2018

14

IU ASSE Student Section General Information

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Sponsor name: Dr. Kevin Slates

Membership number: 57850

Faculty advisor: Dr. Kevin Slates

Email: kslates@indiana.edu

Title: Associate Clinical Professor

School: Indiana University Bloomington



Reilly Donovan
President



Anthony Smith
Vice President



Dr. Kevin Slates
Faculty Advisor



Isabella Byers
Treasurer



Graham Turner
Secretary & Associate
Newsletter Editor

Indiana University – ASSE
1025 E. 7th Street
Bloomington, IN 47405
School of Public Health – Bloomington

Appendix E

Flyers



In partnership with:



Ohio, Kentucky and Indiana

Present:

50/50 Raffle for the Kids!!!

Where: Sample Gates

When: Friday, April 13th from 12pm-2pm

Details:

Located at Sample Gates

\$1 for each raffle ticket purchased

50% of the proceeds will benefit the Make-A-Wish Foundation

50% will go to a lucky Student!!!

Rules:

Cash Only

Must Be a Current Student, and 18+

Winner Will Be Notified Via Email

(Must present Student ID and Winning Raffle Ticket)



*Give
the gift of a
Wish*

Little 500 Tips



- Hydrate the day before the race
- Hydrate throughout the race day
- Eat a healthy breakfast, and remember to eat throughout the day
- If consuming alcohol, do so in moderation, know your limits
- Wear sunscreen and lip balm with SPF 30
- Wear sunglasses to protect your eyes from sun damage
- Always travel in groups or pairs of 2, never alone
- Do not bring in any weapons, or alcohol to the race, security will check bags
- If questioned by security or police, do as they say and remain calm
- When at the race, do not use crude language or cause scenes
- Be respectful of other spectators around you
- Have FUN!

Spring Break Tips



- Always wear sunscreen SPF 30+
- Don't forget to apply lip balm with SPF
- Place your phone in a plastic Ziploc baggy to prevent it from getting wet
- Bring a refillable water bottle to stay hydrated
- If traveling in an unknown area, always travel in pairs or groups
- Make a list of all items you need to travel so you don't forget anything
- Remember the sun's rays are strongest in the morning



Appendix F

Certificates given to Technical Speakers

ASSE INDIANA UNIVERSITY STUDENT SECTION

to

Derek Rainbolt

**In support of the ASSE Indiana University
Bloomington Student Section**

Presented on 09/11/2017

Dr. David Lohrmann
Applied Health Science Chair

Dr. Kevin Slates, ASSE
Faculty Advisor

ASSE INDIANA UNIVERSITY STUDENT SECTION

to

John Radecki

**In support of the ASSE Indiana University
Bloomington Student Section**

Presented on 10/23/2017

Dr. David Lohrmann
Applied Health Science Chair

Dr. Kevin Slates, ASSE
Faculty Advisor

ASSE INDIANA UNIVERSITY STUDENT SECTION

to

Julie Alexander

**In support of the ASSE Indiana University
Bloomington Student Section**

Presented on 11/13/2017

Dr. David Lohrmann
Applied Health Science Chair

Dr. Kevin Slates, ASSE
Faculty Advisor

ASSE INDIANA UNIVERSITY STUDENT SECTION

to

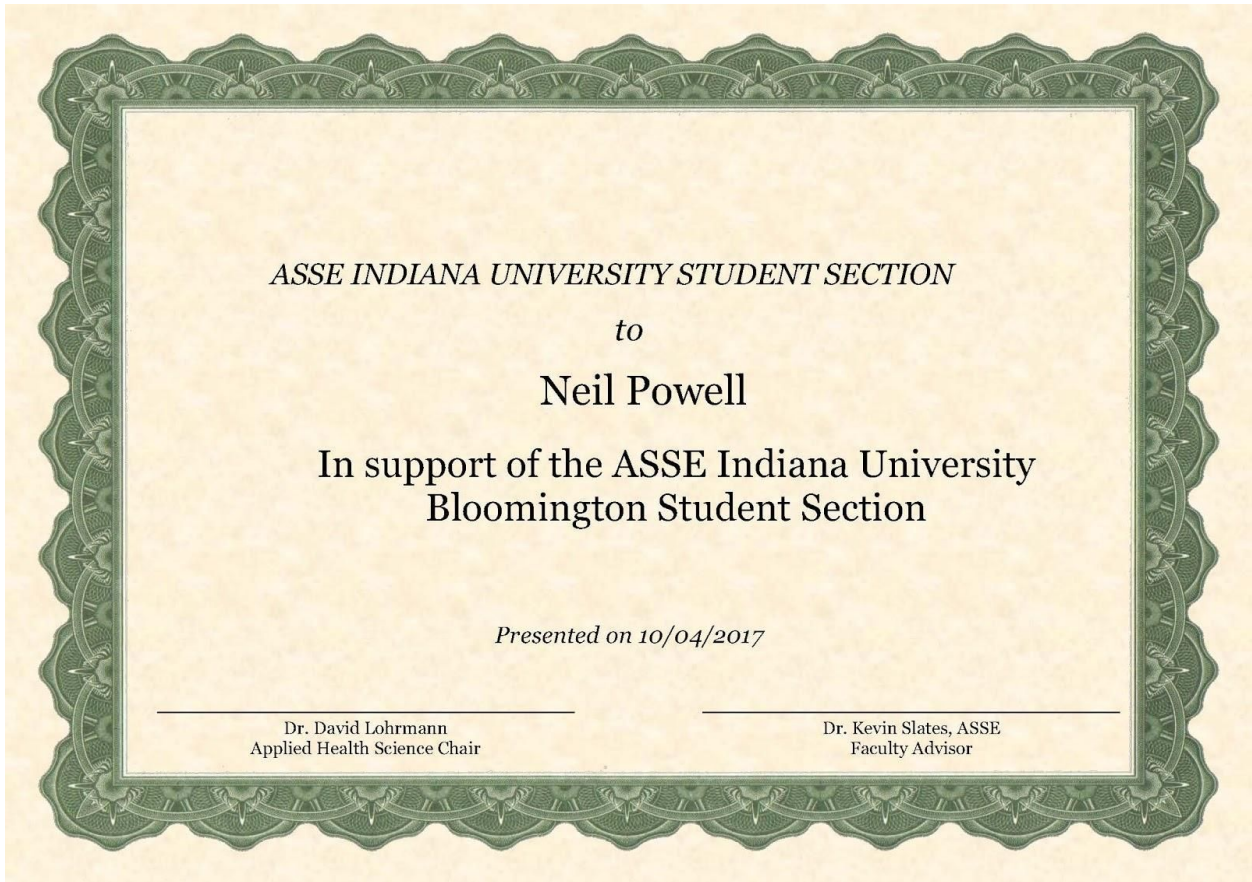
Lucas Letner

**In support of the ASSE Indiana University
Bloomington Student Section**

Presented on 01/18/2018

Dr. David Lohrmann
Applied Health Science Chair

Dr. Kevin Slates, ASSE
Faculty Advisor



ASSE INDIANA UNIVERSITY STUDENT SECTION

to

Neil Powell

**In support of the ASSE Indiana University
Bloomington Student Section**

Presented on 10/04/2017

Dr. David Lohrmann
Applied Health Science Chair

Dr. Kevin Slates, ASSE
Faculty Advisor

ASSE INDIANA UNIVERSITY STUDENT SECTION

to

Kyle Schickles

**In support of the ASSE Indiana University
Bloomington Student Section**

Presented on 02/15/2018

Dr. David Lohrmann
Applied Health Science Chair

Dr. Kevin Slates, ASSE
Faculty Advisor

ASSE INDIANA UNIVERSITY STUDENT SECTION

to

Graham McKeen

**In support of the ASSE Indiana University
Bloomington Student Section**

Presented on 102/04/2017

Dr. David Lohrmann
Applied Health Science Chair

Dr. Kevin Slates, ASSE
Faculty Advisor

ASSE INDIANA UNIVERSITY STUDENT SECTION

to

Willie Sease

**In support of the ASSE Indiana University
Bloomington Student Section**

Presented on 03/08/2018

Dr. David Lohrmann
Applied Health Science Chair

Dr. Kevin Slates, ASSE
Faculty Advisor

Appendix G

Foundation Support

ASSE Foundation Scholarships

By Dr. Kevin Slates

I would like to encourage IU Safety Program faculty, staff and students to make a small or large donation to the American Society of Safety Engineers Foundation. Each year, the Foundation has awarded more than \$2.6 million in scholarships and professional education grants to students beginning their studies in occupational safety as well as safety professionals seeking to continue their education. In addition, the ASSE Foundation supports the annual Future Leaders in Safety Conference. It's important to note that the conference is offered at no cost to students. Last year, IU Safety Students, Tanner Warner and Lucas Letour received over \$4,000 in scholarships. If you can do so, I encourage you to submit your [donation](#). Thank you in advance for your consideration.



Aurora Le

ASSE Diversity Committee Scholarship of \$1,000

This year's winners include...



Graham Turner

ASSE Foundation Central Indiana Jim Kasper Memorial Scholarship of \$3,000



Carolyn Moore

ASSE Foundation ACIG Scholarship of \$2,500



ASSE Foundation Testimonial

Dear Indiana University Students, Faculty and Staff,

This brief article provides a testimonial of my experiences as a student in the Indian University Safety Management Program. Furthermore, I would also like to acknowledge the impact of the ASSE Foundation has had on my academic and professional career. During the 2015 and 2016 academic year, I was awarded the ASSE Foundation's Jim Kriner, Memorial Scholarship and was also selected to attend the Future Leaders in Safety Conference.

The ASSE Foundation's Jim Kriner Memorial Scholarship provided me with financial assistance to cover expenses associated with my tuition. Because of the financial support, I could focus more on my academic studies and less on outstanding bills. Prior to receiving the scholarship, I also participated in the Future Leaders in Safety Conference. Words can't express my gratitude for the many networking opportunities the conference provided. It's important to note that the ASSE Foundation covered all costs associated with participating in the conference.

In summary, I am honored to have received support from the ASSE Foundation and encourage current safety majors and alumni to become involved not only in your student section, but support the foundations mission. I currently work for Zenith Insurance Company as a Safety and Health Consultant and I look forward to participating in future ASSE events and activities through my local ASSE Chapter.



Robert Hollins III - M.S. ARM
Health and Safety Consultant
Zenith Insurance Company
robholli11@gmail.com

Central Indiana ASSE Future Leaders Golf Outing



By Isabella Byers

On March 13th, 2018 at the Indiana Health and Safety Conference, our student section had three students who were selected to receive scholarships from Central Indiana American Society of Safety Engineers. Students Reilly Donovan, Carolyn Moore, and Isabella Byers were the three recipients. Reilly received a \$1,000 Future Leaders of Safety Scholarship, Carolyn received the \$500 2018 CIASSE Golf Outing Scholarship, and Isabella received a \$500 Future Leaders of Safety Scholarship. Carolyn accepted her scholarship on the IU campus from Dr. Al Capuano, who is an adjunct safety professor here on campus as well as a long-time ASSE member and safety professional. Reilly and Isabella accepted their scholarships at the conference during the opening ceremony speech, which was given by Mr. Chet Brandon, who is the current CIASSE Chapter President. All three of these young ladies work hard and represent our student section well and with pride, congratulations are in order for their achievements



Appendix H Bylaws

Central Indiana ASSE President Chet Brandon addresses proposed changes to student section bylaws:



**American Society of Safety Engineers
Central Indiana Chapter**
Protecting people, property and the environment since 1911

March 30, 2018

Student Section Awards Committee
American Society of Safety Engineers
1800 E Oakton Street
Des Plaines, IL 60018

Dear Committee Members,

The Indiana University Student Chapter has submitted minor revisions of their bylaws to me for approval. I am moving these changes through the approval process. The Central Indiana Chapter Executive Committee will review and approve these changes in the April Board meeting.

I have discussed the changes with the Region VII Regional Vice President Johnathan Zimmerman. He will review and will complete the approval of the changes at the Region VII Regional Operating Committee meeting in late April.

The student section is currently operating with bylaws approved in 2012. The proposed changes do not impact the operations of the section at this time.

Thank you for considering the IU Student Section for the Outstanding Student Section Award.

Sincerely,

A handwritten signature in blue ink that reads "Chet Brandon".

Chet Brandon, CSP, CHMM
President
Central Indiana Chapter, ASSE
Email: chetwinbrandon@gmail.com

Current Student Section Bylaws:

AMERICAN SOCIETY OF SAFETY ENGINEERS

Bylaws: Indiana University – Bloomington Student Section

of the Central Indiana Chapter

Bylaws Adopted: **March 30, 2016**

Bylaws Approved by:

Chapter President: 

Area Director (Regional VII Vice President): 

Student Section Chartered: **March 31, 2001**

ARTICLE I - NAME

- Section 1. The name of this Section shall be: Indiana University-Bloomington Section of the Central Indiana Chapter, American Society of Safety Engineers.
- Section 2. Hereinafter, the Indiana University-Bloomington Section shall be referred to as the Section, the American Society of Safety Engineers shall be referred to as the Society. The Central Indiana Chapter shall be referred to as the Chapter, the Area Operating Committee shall be referred to as the AOC, the Regional Operating Committee shall be referred to as the ROC, and the Indiana University-Bloomington University/College shall be referred to as the School.

ARTICLE II - PURPOSES

- Section 1. The purposes of this Section shall be to promote the advancement of the safety profession and safety education and to foster the professional well-being and development of its members within its campus and community.
- Section 2. In fulfilling its purposes, the Section shall have the following objectives:
- To further the professional preparation of the members by sponsoring programs for the advancement of safety and acquisition of technical knowledge.
 - To improve scholarship and the general quality of work in the Safety Profession by fostering a concern for progress in all areas of safety, among safety educators and practitioners.
 - To encourage greater professional and social cooperation and interaction among students of safety and allied fields and disciplines.

- d) To unite the resources and skills of students and faculty in programs to benefit Section members, the school and its community.
- e) To assist the Society in the development of effective and relevant educational programs for the preparation of future safety professionals.
- f) To provide encouragement and support to society student activities and foster student member development and retention on its local campus.
- g) To promote participation and entrance into safety/health careers by high school and college students.

Section 3. Nothing in these Bylaws is intended to substitute for, or supersede, rules or procedures established by the school that impact upon the Student Section.

ARTICLE III - MEMBERSHIP

- Section 1. Section membership is open to all Student Members of the Society, who are enrolled in the safety or related curricula. To be eligible as a Society Student Member, an individual shall be enrolled in an undergraduate or graduate degree course intended to prepare the individual for practice in the safety profession or one of its relevant specialties, shall pay an annual renewal fee as designated by the Society Board of Directors, and shall declare in writing the intention to enter the Safety Profession upon graduation.
- Section 2. Student Member status may be retained up to one year following graduation, or until the individual is employed in the field of safety, whichever comes first.
- Section 3. Section membership is personal and non-transferable.
- Section 4. Section members are eligible to vote on all matters brought before them. A majority affirmative vote is necessary for action unless otherwise specified in these Bylaws. On Chapter and Society issues, Student Members are eligible to vote only on the election of officers.

ARTICLE IV - ORGANIZATION

- Section 1. The Section is a subdivision of the Chapter, formed and operated by ASSE Student Members attending an educational institution located within the Chapter's geographical area.
- Section 2. The Section shall have and maintain a minimum of ten (10) members in order to maintain its charter.
- Section 3. In order to maintain its charter, the Section shall identify an advisor (defined in Article V, Sec. 3) and shall provide the Chapter and Society annually with information on the advisor's name, address and telephone number.
- Section 4. Formation and maintenance of the Section charter is based on requirements and guidelines set forth in the Chapter Administration Guide, and is subject to the approval of the Chapter and the appropriate AOC (ROC).
- Section 5. The Section may be dissolved by the Chapter and/or the AOC (ROC), if such action is deemed to be in the best interests of the Chapter and Society. Voluntary dissolution of the Section shall be by two-thirds of Section members after a 30-day advance written notice by the Section Executive Committee. Voluntary dissolution is subject to the approval of the Chapter and AOC (ROC). Upon dissolution, all Section funds and assets shall be returned to the Chapter, school, ASSE Foundation or other ASSE entity, depending on the funding source.
- Section 6. The Section fiscal year shall begin on April 1 and end March 31. The Section activity year shall begin in August and end in May.

ARTICLE V - INDIANA UNIVERSITY COMPLIANCE

- Section 1. Statement of University Compliance: This organization shall comply with all Indiana University regulations, and local, state, and federal laws.
- Section 2. Anti-Hazing Policy: Hazing is strictly prohibited. Hazing shall be defined as any conduct which subjects another person, whether physically, mentally, emotionally, or psychologically, to anything that may endanger, abuse, degrade, or intimidate the person as a condition of association with a group or organization, regardless of the person's consent or lack of consent.
- Section 3. Personal Gain Clause: This organization, Indiana University – Bloomington Student Section of the Central Indiana Chapter, if raising funds, shall ethically raise and distribute profits from organizational functions to either the organization or to members who provide a service that directly benefits the organization. Individual members may not receive compensation directly from for-profit companies if acting as a representative of a student organization.

- Section 4. Statement of Non-Discrimination: allows any interested student to participate in, become a member of, and seek leadership positions in the organization without regard to arbitrary consideration of such characteristics as age, color, disability, ethnicity, gender, marital status, national origin, race, religion, sexual orientation, or veteran status.

ARTICLE VI-OFFICERS

- Section 1. Elected Section officers shall be:

- a) President
- b) Vice President
- c) Secretary
- d) Treasurer
- e) Delegates (Shall be elected by the Executive Board)

- Section 2. Duties of officers:

- a) **President: (Chairperson)** shall call, set agendas for, and preside at meetings of the Executive Committee, and preside and set agendas for meetings of the Section membership; shall set goals and objectives for the Section and provide leadership, guidance and direction to officers, committees and members to see that they are met; shall appoint members of the Nominating Committee; shall serve as chief spokesman and representative of the Section to the Chapter, Society and allied groups; and shall submit an annual report of Section activities to the Chapter and Student Member Activity Task Force.
- b) **Vice President: (Vice Chairperson or President-Elect)** shall succeed to the office of the President if the President is unable to serve; shall act for the President when requested to do so by the Executive Committee or members; and shall in general prepare to ascend to the Section Presidency in the following year.

NOTE: The Vice President (President-Elect or Vice Chairperson) may also supervise the work of Section appointed committees or project Chairpersons, if desired.

- c) **Secretary:** record, transcribe and distribute minutes of all Section meetings, prepare and distribute meeting notices, maintain all Section records and conduct Section membership development and retention activities under the supervision of the Executive Committee.
- d) **Treasurer:** shall collect and disburse all Section funds, maintain Section financial records including all income and expense activities, collect Section-generated membership fees and dues, handle all Section liaison with financial institutions, submit an annual report of all Section financial activities to the Executive Committee, and keep the Section and Chapter regularly informed as to the Section's financial status.
- e) **Delegates**

Section 3. There shall be a Section advisor who shall be either:

- a) An ASSE member who is a faculty member of the school where the Section is located, or
- b) A formally designated member of the Chapter in whose geographical area the Student Section's school is located.

The advisor shall approve Section activity and financial reports, fund-raising activities, and be consulted on all matters relating to Section dues, fees and Bylaws. The advisor shall ensure that Section activities do not violate School rules and regulations governing on-campus clubs, groups and activities.

ARTICLE VII - COMMITTEES

Section 1. Elected Section officers and the Section advisor shall make up the Executive Committee, which shall govern the Section according to these Bylaws and within the authority delegated to it by Section members.

Section 2. The Section shall have a Nominating Committee, appointed by the President (Chairperson), for the purpose of developing a slate of Section officers annually for member election. The committee shall consist of three Section members, one of whom shall be a current or past Section officer. The committee shall elect its own Chairperson.

Section 3. Other Section committees may be appointed by the Section President (Chairperson).

ARTICLE VIII - NOMINATION, ELECTION AND REMOVAL OF OFFICERS

Section 1. The Nominating Committee shall be appointed by the President/Chairperson annually for the purpose of recommending a slate of one or more nominees for each Section elective office. Publication of the slate, including background and qualifying information on each nominee, shall be completed no less than thirty (30) days before the election is conducted. The election and installation of officers for the succeeding Section activity year shall be completed before the end of the current year.

Section 2. The term of service for officers shall be for one (1) year beginning July 1.

Section 3. Any IUB Section members may submit a signed petition nominating one or more members for elective office. The petition shall be accompanied by a written acceptance by the nominee(s) and shall be submitted to the Nominating Committee Chairperson no less than fifteen (15) days before the election is conducted. The names and qualifications of the petition nominees shall be distributed to all members within seven (7) days of their receipt.

- Section 4. All Section members shall be given the opportunity to vote on the election of officers, through written ballots and/or through a verbal voting process at a Section meeting.
- Section 5. Three Section members, who are neither candidates for elective office, nominating committee members, nor current Section officers, shall be appointed as Tellers to count votes, confirm the propriety of election/nomination procedures, and announce election results.
- Section 6. Elected Section officers may be removed by majority vote of Section members at any regular or special meeting upon presentation of a signed petition from the Section Executive Committee or IUB Section members. Notification of such meeting shall be made to all members at least fifteen (15) days in advance of the meeting. Appointed Section officers may be removed by the officer who appointed them, or by the Section Executive Committee.
- Section 7. Vacancies in elected Section offices occurring during the elected term shall be filled by the succession designated in Art. V, Sec. 1. The resulting vacancy in the office of Treasurer shall be filled by affirmative vote of a majority of Section members upon a nominating slate of one or more candidates submitted by a special member Nominating Committee appointed by the President (Chairperson). The election shall be held at a regular or special Section meeting, notice for which shall be published at least 15 days in advance.

ARTICLE IX- DUES AND FINANCES

- Section 1. Section members shall be assessed an annual student member renewal fee by the Society as determined by its Board of Directors. In addition, applicants for Student Membership may be assessed membership application fees as determined by the same Board. Fees shall be paid annually on the anniversary of the Student Member's election date.
- Section 2. The Section may assess its members additional annual fees and dues, upon recommendation of the Section Executive Committee and approved by a majority of Section members voting at a meeting where a quorum is present.
- Section 3. The Section Executive Committee, through the Section Treasurer, is responsible for all Section financial activities, under guidelines established by the Society, Chapter, these Bylaws, and the Section Executive Committee.
- Section 4. The Section shall provide an annual financial report to the Chapter, Area Operating Committee (Regional Operating Committee) and Student Member Activities Committee, describing all Section income and expense activities for the preceding twelve (12) months. This report shall be reviewed and signed by the Section Advisor and submitted to the Chapter by April 15.

ARTICLE X - MEETINGS

- Section 1. The Section Executive Committee shall meet upon the call of the President/Chairperson or upon a majority vote of its members.
- Section 2. The Section shall hold at least two (2) meetings of its members annually, to acquaint them with its activities and conduct necessary business. 10 Section members at a meeting shall constitute a quorum.
- Section 3. Special meetings of Section members may be called by the Section Executive Committee or by written petition of ten (10) members, submitted to the Section President/Chairperson.
- Section 4. Section member meetings and votes shall be required to accomplish the following actions: amendment or these Bylaws, establishment of or change in Section dues or fees, removal of elected officers, and Section dissolution.

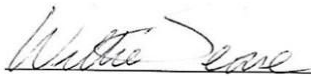
NOTE: A 2/3 affirmative vote requirement may be established for any of these actions.

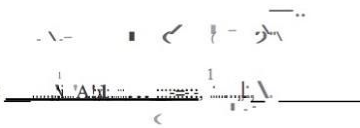
- Section 5. Robert's Rules of Order Newly Revised shall govern the transactions of business at Section meetings, unless otherwise specified in these Bylaws.

ARTICLE XI - AMENDMENTS

- Section 1. Amendments to these Bylaws may be proposed by the Section Executive Committee or by written petition of at least seven (7) members. Amendments proposed by members shall be presented to the Section Executive Committee.
- Section 2. Amendments shall be published at least fifteen (15) days in advance of the meeting at which action will be taken on them.
- Section 3. Amendments shall be voted on at a regular or special Section meeting where a quorum is present. A majority (**option - two-thirds**) affirmative vote is required for approval.
- Section 4. All amendments approved by Section members are subject to approval of the Chapter Executive Committee and Area Director (Regional Vice President).

Approval Signatures:

IU Student Section President:  **3/30/2016**
Willie Sease
ASSE- IUB Student President
M.S. Safety Science May '16

IU Student Section Faculty Advisor:  **3/30/2016**
Kevin Slates, Ed.D., MPA, CSP
Clinical Assistant Professor
Industrial Hygiene Laboratory Director