



St. Louis Chapter Newsletter November 2019



Next Meeting

Monday, November 11th

Joint Meeting with GSHMM

Flint Walton, Technical Services & Training Specialist of Missouri Employers Mutual will be speaking on Understanding Your Experience Modifier and Workers' Comp – a practical review of the experience modifier and a real world look at understanding it and key factors to help control it.

Location:

Syberg's Restaurant
2430 Old Dorsett Rd
Maryland Heights, MO 63043

Time:

11:30am Registration & Networking
12:00pm Lunch, Chapter Business & Presentation

[Register](#)

Coming Up

Tuesday, November 12th – Suicide Prevention Summit (In Kansas City)

Thursday, November 21st – WISH WISE Event

Monday, December 9th – OSHA Update

Speaker Bill McDonald, OSHA's Area Director in St Louis will provide his annual OSHA fiscal year update and quick review of new/old initiatives.

Wednesday, December 11-12 – [MO Common Ground Summit \(Springfield, MO\)](#)

January TBD - Membership Appreciation Night

No luncheon meeting this month! Enjoy food and libations at Bristol Seafood Grill on Olive and relax with others in your field at this event. Exclusively for St Louis Chapter Members.

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Nominate a Safety Professional of the Year

Check out the information about the local chapter Safety Professional of the Year (SPY Award) on the awards and honors page: <https://stl.assp.org/awards-honors/> Nominate someone who has impacted safety in our community today.



WISE

Women in Safety Excellence

GARY MUCK & BILL KINCAID

≈ WILL PRESENT ≈

**“40 YEARS IN SAFETY —
LESSONS LEARNED”**



DATE: Thursday, November 21, 2019

TIME: 4:30 PM-6:30 PM

WHERE: Lockton Companies, 3 City Place Drive (8th Floor), St. Louis, MO 63141

COST: \$15.00/person* (this includes appetizers, soft drinks, 4 Hands Beer on tap and AB canned products—(BYOB is also welcome at Jack's Place)

RSVP: [CLICK HERE](#) QUESTIONS? Email us: stlwishwise@gmail.com

***prepaid reservations required—non-refundable (SPACE IS LIMITED)**

The Forgotten Workplace

by William Kincaid, P.E., CSP, CET

Lockton Companies of St. Louis

Every building has one, and there are always people who work there, whether employed by the building's occupants or contractors. It has inherent risks other workplaces don't and has corresponding OSHA safety regulations, some of them fairly new. Property insurance companies often keep a close eye on this area and have elaborate codes for how it is protected against what they see as "perils". Yet many companies seem to have forgotten this unique and hazardous workplace area. It often suffers from a level of neglect until something bad happens to get it on the radar. What is it?

By now, you may have already guessed it - the roof.

Rooftops were a hot topic in construction for a while after OSHA published a comprehensive construction rule for fall protection. The construction fall protection rule was controversial at first, mainly because it gave us OSHA field people an array of specific rules we could enforce when we saw construction and roofing people doing risky things on rooftops. With several hundred fatal falls in construction every year, it made sense to take a stand on what was expected of construction employers who sent their people onto roofs.

That was 1995, twenty-five years after OSHA was established. Those rules only applied to construction. Once the roof was finished, they ceased to be relevant. It took OSHA another twenty-two years to release a general industry rule for rooftop work other than construction. But that made sense, too.

Think about your average commercial roof. Up there, you'll find HVAC equipment, satellite dishes and other communications devices, roof drains, and of course the roofing surface itself, all in need of maintenance and repairs. Somebody's got to go up there and take care of all that stuff. However, the roof is subject to the old axiom, "out of sight, out of mind". Very little thought of people protection or property protection goes into the design of many roofs, including fall prevention for roof edges and elevation changes, skylight protection, safer roof access, and the roofing design itself.

In my job I do some rooftop surveys with property insurance carriers and at times evaluate risks to help develop fall prevention options. There are some large commercial roofs where during every visit I will always find someone working on the roof when I arrive. With a little attention to the forgotten workplace, we can see there are plenty of reasons for people to be up there and multiple hazards to protect them against while they're on the roof. That's why the rooftop being a forgotten workplace is not a good thing, and why it is helpful that OSHA finally decided to weigh in on roofs after forty-seven years of regulating workplace safety.

There isn't space here to lay out all the rules. We can just touch on some of them. OSHA's already spelled them all out, with related interpretations and enforcement directives, on their excellent www.osha.gov website.

If you're familiar with the construction rule which kicks in at six feet at the lowest, just be aware that for non-construction work, the fall height where the rules kick in is four feet or greater, including roof edges and changes in elevation from one part of the roof to another. The reasoning is that it should be easier to install rails and other safety devices in a fixed workplace rather than providing protection in a constantly changing construction environment where it's harder to keep up. That's how the construction people got two more feet of exposure.

The general industry rules offer options. The way to tackle issues related to drops of four feet or more is usually guardrails around the roof perimeter and at elevation changes, or at least around all the rooftop equipment and drains, making use of personal fall arrest necessary for as little of the roof area as possible. PFAS is the least reliable protection and has risks which aren't an issue with rails. Plus, PFAS requires post-arrest rescue provisions which aren't necessary when a rail prevents the fall.

Note: there is an exception for inspecting, investigating, or assessing workplace conditions or the location at which work is to be performed prior to the start of work or after all work has been completed. However, this exception does not apply when fall protection systems or equipment meeting the requirements of 1910.29 have been installed and are available for workers to use. Also, once any work begins, employers must provide workers performing inspections with, and ensure they use, fall protection where required.

There are also rules for other roof areas with fall hazards over four feet, such as skylights and access hatches. Skylights and hatches are holes in the roof. Since those holes often have a drop of twenty to thirty feet below them, falls through these holes are deadly. Used to be, when I was at OSHA, we'd get occasional fatality cases where someone had fallen through a skylight or roof hatch. A plastic skylight would be old and brittle, completely unable to support the weight of a person. Or a roof hatch would be left open and someone would back into it while looking elsewhere. These deaths were tragic and were the impetus for the regulations. Following the new rules for these hazards will prevent most future tragic falls, if not all.

Plastics deteriorate in sunlight, so I have reservations about older skylights which were claimed by their makers to be designed to support the weight of a person without a metal guard. These were acceptable in the past due to a lack of specificity in the rules, but with the new rules are no longer good enough. Every roof is supposed to have sturdy screens or covers over the skylights or guardrails around them, or if not, travel restraint or PFAS on the employees exposed to them. A stainless or galvanized steel screen will last a long time in the elements and is far easier to manage than trying to make sure people are always tied off on the roof.

Plenty of hazards are inherently designed into most roof hatches. For cost reasons, they are usually located next to an outside wall rather than somewhere away from the roof edge. This is bad enough, but access also usually involves a vertical ladder attached to the inside of that outside wall, also for cost reasons. This means the hatch opens facing the fall hazard rather than facing away from it. The design forces the person using the hatch to be within inches of a fall usually of twenty feet or greater. This makes me suspect the building's designers didn't think the hatch was going to be used frequently.

There are rules for enclosing hatches with guard rails and gates, unless the hatch is closed while people are on the roof. Since some roof hatches don't have an outside latch handle, closing the hatch door isn't a practical alternative for all roofs. Those hatches which must be left open will require fall prevention as specified by the rules. If fall protection systems are present, workers must use them while conducting pre-work and post-work inspections, investigations, or assessments of workplace conditions.

It would be safer to put the access opening far from the roof edge, and rather than make a worker scale a vertical ladder where one slip-up results in a fall, install a set of stairs. Instead of an inexpensive hatch door, upgrade to a raised roof access enclosure so the person visiting the roof can walk up the stair and out of a standard door onto the roof like any other level of a building – easily and safely. No need for rails or self-closing gates when there's zero fall hazard.

Although this certainly isn't a full rundown on the roof safety regulations, there's room to cover one more rule here. There are requirements to inspect and maintain walking and working surfaces, which would include fall protection equipment. Given the tough environmental conditions on a roof, that just makes sense. You can't just dump a bunch of safety stuff on the roof and forget about it.

As far as property protection for the roof, carrier engineers are usually concerned about roofs which aren't held down well enough to stay put in high winds, as well as rooftop equipment which isn't secured well enough and might go flying. There are codes for roofing securement. For my money, I'd recommend designing any roof install to the strictest, latest standards, and getting the carrier's engineering staff to do a plan review. Those steps help prevent being told later by the property carrier to retrofit better securement. FM Global seems to be the leader in the field of securement standards, so their standards are protectively strict.

Some parts of the country are higher hazard areas for hail damage, especially to HVAC units. If you've not heard of this peril before, you might say "What, the hail?" (Yes, I agree, I should never have tried that terrible pun but it's too late now.)

Hailstorms can damage unprotected HVAC units. The efficiency of the unit is progressively degraded by repeated hail events over time. Enough hail damage flattens so many fins on the rooftop units it ruins their ability to function. That's bad enough, but with the phasing out of various refrigerants, some HVAC units are now unrepairable and must be replaced in their entirety. A simple, cheap metal grill over the fins prevents those losses.

Small items left on the roof during repair work are another property protection issue. Dropped screws, small parts etc. will easily punch a hole through the roofing material when stepped on, and since they are usually found around equipment which needs servicing, it's likely they will be. A tiny hole on a roof which allows a leak will let

water accumulate under the roofing surface and make its way through holes in the decking, so it's not a good thing. Steel decking rusts and wooden decking rots, making a tiny leak into a big repair job.

That's our quick tour of the forgotten workplace, the roof. It's a legitimate workplace, where some thought and minor investment can pay off in safer people and less damage to the rooftop equipment and the structure.



AMERICAN SOCIETY OF
SAFETY PROFESSIONALS

St. Louis Chapter

\$2,000.00 Scholarships

OSH undergrad and graduate students:

The St. Louis Chapter of the American Society of Safety Professionals will again be awarding up to three scholarships in the value of up to \$2,000 each for the 2019-2020 school year. The purpose is to support fulltime undergraduate or graduate students preparing for a career in a safety, health, environmental or closely related field.

Eligibility:

- Full time student pursuing a degree in safety, health, environmental or closely related field
- GPA of 3.0/4.0 for undergrad, 3.5/4.0 for graduate students
- Submit ASSP award application with supporting documentation
 - Transcript
 - Letter of Recommendation
 - Short narrative essay

Full Details of the award application process, eligibility, determination hierarchy, administration of the award, guidelines and application can be found on the St. Louis ASSP Chapter website at: <https://stl.assp.org/educational-scholarship/>

The application can be found under the Chapter Documents listed under: ASSP Scholarship Application at: <https://stl.assp.org/files/>

If you have any questions, need additional information or have issues accessing the documents on the websites listed above please contact the St. Louis Chapter Scholarship Chair, Rob Miller at rmiller@lkeeley.com.

Applications are due by November 11, 2019.

Good Luck and I look forward to receiving your application.

Rob Miller, CSP, OHST, CUSP, CSC



AMERICAN SOCIETY OF
SAFETY PROFESSIONALS

St. Louis Chapter

Scholarship and Professional Development Awards

SCHOLARSHIP

The St. Louis Chapter of the American Society of Safety Professionals will award up to three 2019 scholarships in the value of up to \$2,000 each with the purpose of supporting full-time undergraduate or graduate students preparing for a career in a safety, health, environmental or closely related field.

Funding for the award will be obtained through the Annual Membership / Scholarship Golf Outing, with the proceeds from that event designated for scholarship funding. Total and distributive annual funding is subject to Board review and approval.

Applications for these awards will be solicited in the fall of each year, with an application deadline of November 1. Recipients will be determined at the November 2019 Board Meeting and notified soon after. Awards will be granted at the Member Appreciation Night in January 2020.

Eligibility:

Successful applicants must meet all of the following criteria and submit an application by the November 1, 2019 deadline:

- Be enrolled as a full-time student pursuing an undergraduate degree or a student pursuing a graduate degree in safety, health or environmental field or a closely related field.
- Maintain a GPA of at least 3.0 out of 4.0 for undergraduate students, and 3.5 out of 4.0 for graduate students.
- Complete and submit the ASSP award application form (including the following supporting documentation):
 - A transcript that verifies academic standing and GPA;

- A safety faculty Letter of Recommendation (250 words or less);
- A short narrative essay (300 words or less) describing why you are pursuing a degree in occupational safety and health (or a closely related field), and how the award will be used to improve your education (or career goal).

Granting of the Award

The following hierarchy shall be used to determine award winners for these scholarships for all applicants who meet the eligibility criteria described above:

1. Immediate family (spouse, children and step-children) of St. Louis chapter members, regardless of the location of the school seeking their undergraduate degree;
2. Immediate family (spouse, children and step-children) of St. Louis chapter members, regardless of the location of the school seeking their graduate degree;
3. ASSP St. Louis chapter members, regardless of the location of the school seeking an advanced degree;
4. Students attending school in or near our service area;

Administration of the award

The current chapter board, including the scholarship committee chair, will handle administration, which includes:

- Advertising the awards;
- Accepting applications;
- Reviewing applications in accordance with the above eligibility criteria;
- Granting awards in accordance with the above hierarchy;
- Notifying the award winners;
- Disbursing the award checks.



AMERICAN SOCIETY OF
SAFETY PROFESSIONALS

St. Louis Chapter

Scholarship and Professional Development Awards

PROFESSIONAL DEVELOPMENT

The St. Louis Chapter Professional Development Awards provides financial assistance to ASSP - St. Louis Chapter members who wish to advance their careers through the completion of certifications.

Awards will be available to qualified applicants who wish to apply for funding. The award will be up to \$500.00 per award. The number of awards will be based on available funds approved by the Executive Committee.

Awards will be considered for the following application, exams fees, preparation classes or preparation materials:

Board of Certified Safety Professionals
– ASP, CSP, OHST, CHST, STS and CET
American Society of Safety Professionals –
Executive Program in Safety Management
and Certificate in Safety Management

All Applications will be reviewed by the St. Louis Chapter Scholarship Chairperson and presented to the ASSP - St. Louis Chapter Executive Committee who will act as an adhoc Award & Selection Committee.

Award recipients will be notified by mail and their names listed in the ASSP - St. Louis Chapter Newsletter.

Rules for Professional Development Award:

- You must be a member of the St. Louis Chapter for one year to be eligible for the award.
- Professional Development applications must be submitted within 90 days of the incurred expense.
- Awards will be granted to qualified applicants on a first come, first served basis, based on available funds approved by the Executive Committee.
- Incomplete award applications will be disqualified.
- Only one award per certification application, exam, preparation course or preparation materials.
- Only one award per year per applicant.

Reimbursement

To obtain reimbursement an original receipt for the award requested and proof of completion of the prep course or exam taken must be mailed to:

Rob Miller, CSP, OHST, CUSP, CSC
ASSP - STL Scholarship Chairman
7090 Stony Ridge Rd.
St. Louis, MO 63129



AMERICAN SOCIETY OF SAFETY PROFESSIONALS

2019-20 Rolling Calendar of Meetings and Events

Date	Meeting Topic & Presenter	Menu
August 12, 2019 Monday Lunch*	Joint Mtg AIHA Speaker Kerry Goyette presents a new perspective on safety and the behaviors that it affects. She will provide data driven solutions to help your team to be more safe, and in turn, more engaged.	BBQ Pork Steaks
September 9, 2019 Monday Tour Day, No meeting	Join us for a tour of Watlow Electric Manufacturing Co., a family-owned company that designs and manufactures industrial electric heaters, sensors, and controllers. Advanced Registration Required. Maximum of 50.	Catored meal on site
October 14, 2019 Monday Lunch*	Workers Compensation Speaker Chris Archer of Archer & Lassa LLC. will provide us with the latest information in the legal circles that affect worker's compensation.	Mexican Buffet
November 11, 2019 Monday Lunch*	Joint Mtg GSHMM Flint Walton , Technical Services & Training Specialist of Missouri Employers Mutual will be speaking on Understanding Your Experience Modifier and Workers' Comp – a practical review of the experience modifier and a real world look at understanding it and key factors to help control it	Chicken Delight
December 9, 2019 Monday Lunch*	OSHA Update Speaker Bill McDonald, OSHA's Area Director in St Louis will provide his annual OSHA fiscal year update and quick review of new/old initiatives. Location TBD	
January 00, 2020 Thursday 5 pm Bristol Seafood Grill	Membership Appreciation Night <u>No luncheon meeting this month!</u> Enjoy food and libations at Bristol Seafood Grill on Olive and relax with others in your field at this event. Exclusively for St Louis Chapter Members.	
February 10th, 2020 Monday Lunch*	OSHA Defense Speaker Julie O'Keefe, Attorney at Law of Armstrong Teasdale Law Firm. Update on strategies to defend against OSHA citations	
March 00, 2020 Monday ALL DAY Date & Location TBD	Professional Development Conference Joint conference with the American Industrial Hygiene Association (AIHA) to bring you high quality training at the best price, CEU's awarded.	
April 13, 2020 Monday Lunch*	TBD	
May 11, 2020 Monday Lunch*	TBD	
June 00 Friday All Day	ASSP Scholarship Golf Tournament Fundraiser Location TBD	Registration Required

*Lunch at Sybergs Dorsett, 2430 Old Dorsett Rd, Maryland Heights, MO 63043
Lunch will include house salad, bread and dessert in addition to the listed entree.

American Society of Safety Professionals

St. Louis Chapter Committees

Website – Dave Callies – dcallies@kelpe.com

Maintains website with updated news, chapter events, and job postings

Newsletter – Dan Bembower – dan.bembower@usi.com

Publishes and distributes the chapter newsletter to all chapter members

PDC Chair – Dennis Pivin – DPivin@aegion.com

Coordinates logistics of professional development activities

Membership – Dianne Gibbs – dianne@ideasftp.com

Ensures new members are recognized & introduced at membership meetings

Public Relations – Steve Williams – swilliams@bellelectrical.com

Promotes chapter activities to the general public. Coordinates poster contest

Awards & Honors – Bill Kincaid – billkincaid@yahoo.com

Recognizes member achievement through chapter awards

Scholarship – Rob Miller – robertmiller91@yahoo.com

Promotes student scholarships & continuing education scholarships for members

Programs – Tim Michel – tmichel@keeleycompanies.com

Plans the program time and needs for presentations & coordinates schedule

Social Media – JaNola Rigsby – jrigsby@qualsafesolutions.com

Maintains Face book & Twitter accounts promoting discussion with local membership

Please contact the committee chair with comments or if you would like to participate.

Mid Missouri Officers

Bret Derrick, Chairman

bderrick@broadwayergonomics.com

Mark Woodward, Vice Chair

mwoodwar@mem-ins.com

Bethany Watson, Membership Chair

bethany@365safety-services.com

Job Opportunities

Job opportunities are posted frequently on the website:

<https://stl.assp.org/current-openings/>

Remember, the St. Louis Chapter offers unemployed ASSE members a free lunch at our monthly meeting!

St. Louis Chapter Board Members

Rick Reams – President, 618-670-6589 (ricky_reams@hotmail.com)

Steve Williams – Vice President, 314-213-5859 (swilliams@frenchgerleman.com)

Dennis Pivin – Secretary (DPivin@aegion.com)

Erica Heinssen – Treasurer, 207-522-0368 (elheinssen@hotmail.com)

Mark Krieger – Past President, 314-435-3630 (mark.krieger2007@gmail.com)

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<http://stl.assp.org>