Chapter Highlights

2019 SEFH WINNERS & JUDGES
FEB 22-23

- AIHA – Engineering: Mechanical and Bioengineering Awardee
- Anushka Jetty, Friendswood, TX
- A Novel Machine Learning Approach to Detecting Middle Ear Abnormalities Using a Smartphone Based Tympanometer

- AIHA – Environmental Sciences Awardee
- Hayley Jue, Woodlands, TX
- Comparing the Toxicity of Chemical and Organic Pesticides on Human Gut Bacteria Equilibrium

- ASSP – Social and Behavioral Sciences Awardee
- Kslyn Deigado, Friendswood, TX
- The use of Biometric Sensor and Neural Networks to Determine a Person’s Cognitive Workload

- SPY Nominations
- OSHA Updates

LOOKING TO ADVANCE YOUR CAREER?
VISIT ASSP’s JOB BOARD!
http://jobs.assp.org

Got Questions?
Contact Us
Gulf Coast Chapter
info@gulfcoast.assp.org

Mailing Address:
P.O. Box 2065
League City, TX 77574

**VOLUNTEER OPPORTUNITY**
Boy Scout Fair Volunteers Needed – April 6, 2019
If you are interested in helping please contact Walter Hyde at 713-683-6500 or e-mail him at wh06fnem-Scouts@yahoo.com. Volunteers always have a great time and the event is open to the public so feel free to bring out your families.
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Speaker(s)</th>
<th>Topic/Event Description</th>
<th>Location</th>
<th>CEU Track</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 11, 2018</td>
<td>Technical</td>
<td>EHS, Ops, Legal &amp; OSHA</td>
<td>Executive Panel - Technology Solutions</td>
<td>Marriott</td>
<td>A. CEU (.3) - #1</td>
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<tr>
<td>November 1, 2018</td>
<td>Technical</td>
<td>Prashant Krishnan, PE</td>
<td>H&amp;S Challenges in Renewable Energy</td>
<td>Marriott</td>
<td>A. CEU (.3) - #2</td>
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<tr>
<td>December 6, 2018</td>
<td>Networking</td>
<td>NA</td>
<td>Holiday Social (Dave &amp; Busters)</td>
<td>D&amp;B</td>
<td>NA</td>
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<tr>
<td>January 10, 2019</td>
<td>Technical</td>
<td>Margaret Gilbert</td>
<td>Drugs in the Workplace</td>
<td>Marriott</td>
<td>A. CEU (.3) - #3</td>
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<tr>
<td>February 7, 2019</td>
<td>Technical</td>
<td>Scott M. Ward, Ph.D.</td>
<td>H&amp;S Learnings from Hurricane Harvey</td>
<td>Marriott</td>
<td>B. CEU (.3) - #1</td>
</tr>
<tr>
<td>March 7, 2019</td>
<td>Networking</td>
<td>Keynote, tbd</td>
<td>Networking &amp; Vendor Night</td>
<td>tbd</td>
<td>B. CEU (.3) - #2</td>
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<tr>
<td>April 4, 2019</td>
<td>Technical</td>
<td>Andy Muddimer</td>
<td>Modern Day Ergonomics,</td>
<td>Marriott</td>
<td>B. CEU (.3) - #3</td>
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<tr>
<td>May 2, 2019</td>
<td>Technical</td>
<td>tbd</td>
<td>Awards &amp; Honors Meeting,</td>
<td>Marriott</td>
<td>NA</td>
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<tr>
<td>June 6, 2019</td>
<td>NA</td>
<td>NA</td>
<td>Speed Networking</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>June - All Month</td>
<td>Online</td>
<td>Webinar (CEUs)</td>
<td></td>
<td>Marriott</td>
<td>NA</td>
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<tr>
<td>July 2019</td>
<td>NONE</td>
<td>tbd</td>
<td>SUMMER - NO MEETING</td>
<td>Marriott</td>
<td>C. CEU (.3)</td>
</tr>
<tr>
<td>August 2019</td>
<td>NONE</td>
<td>tbd</td>
<td>SUMMER - NO MEETING</td>
<td>Marriott</td>
<td>NA</td>
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<tr>
<td>September 5, 2019</td>
<td>Technical</td>
<td>EHS, Ops, Legal &amp; IM</td>
<td>Executive Panel - Technology Solutions</td>
<td>Marriott</td>
<td>D. CEU (.3) - #1</td>
</tr>
<tr>
<td>October 3, 2019</td>
<td>Technical</td>
<td>Adele Abrams</td>
<td>EHS Legal Review</td>
<td>Marriott</td>
<td>D. CEU (.3) - #2</td>
</tr>
<tr>
<td>November 7, 2019</td>
<td>Technical</td>
<td>Sarah Anderson</td>
<td>Eye Spy Workplace Hazards</td>
<td>Marriott</td>
<td>D. CEU (.3) - #3</td>
</tr>
<tr>
<td>December 5, 2019</td>
<td>Networking</td>
<td>NA</td>
<td>Holiday Social (Dave &amp; Busters)</td>
<td>D&amp;B</td>
<td>NA</td>
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</tbody>
</table>

**Upcoming Meetings/Events**

Energy Corridor Section Meeting
- **Date**: Thursday, March 14, 2019
- **Time**: 11:00-1:00pm
- **Location**: Wood – Stallion Building
- **Speaker**: TBA

North Section Meeting
- **Date**: Thursday, March 21, 2019
- **Time**: 11am-1pm
- **Location**: Pallotta’s Italian Grill
- **Speaker**: TBA

ASSP & AIHA Gulf Coast General Chapter Meeting
- **Date**: Thursday, April 6, 2019
- **Time**: 11am-1pm
- **Location**: Marriott Houston South Hobby
- **Speaker**: Andy Muddimer
- **Topic**: Modern Day Ergonomics: The more things change the more they stay the same
- **Summary**: Ergonomics from the past is changing, the rules based approaches of the past are becoming conventional/traditional but as new research emerges the rules are not being changed they are being expanded. We have always known that movement is important and the new research is proving that the right amount of movement is becoming better understood. With changes in our user populations, machine interfaces, workplace set-ups and the environmental factors, modern ergonomics has seen changes from static to dynamic but the rules have not really changing. The user is still the center of our system.

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**Interested in being a vendor at the Monthly Chapter Meeting?**

**Sponsorship (Single Vendor Exclusive) Vendor**
- $1,000 Exclusive Sponsorship
- (First Come First Serve Basis)
- **Benefits**
  - Recognition during the Meeting “Kick Off”
  - 5 min presentation on your services/products
  - 2 table spaces in the meeting room
  - Display logo on Signage

**Sponsorship (Multiple Vendors)**
- $500 Sponsorship/Vendor
- **Benefits**
  - Limited to first 3 Vendors
  - Recognition during the Meeting “Kick Off”
  - 1 table space in the meeting room per vendor
  - Display logo

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**NOT RECEIVING CHAPTER EMAILS???**

_Do not email list:_ Please confirm you have not been placed on the “Do not email” list by logging in to www.assp.org and ensuring you have “Include in Web/Mobile Directory” selected, and that all of your contact information is current.

_E-mails blocked by your computer/company settings:_ Please go to the link below for instructions to ensure Chapter emails can get through to you.

2019 Region III PDC will be held on August 12 - 14, 2019 at the Marriott Riverwalk located at 889 East Market Street, San Antonio, TX, 78205.

CEUs - Attendees will receive 1.7* Continuing Education Unit (CEU) credits for attending the PDC (*pending approval).

Registration Information HERE: Attendee Registration

To register and get more details on Safety 2019, visit https://safety.assp.org

CHAPTER Volunteers/Assistance Needed:
• Members to assist with our Call a Member Campaign
• Members to audit our financials
• Members to assist plan social events
Email info@gulfcoast.assp.org if interested.
2019 Gulf Coast Chapter Member Survey Results

The report summarizes the results of the 2019 Gulf Chapter Member Survey and is used to better understand the needs and improve programs for Chapter. Approximately 90 members participated in the survey from January 2019-February 2019.

### Why did you initially join the ASSP Gulf Coast Chapter?
- Technical content: 17%
- Support growth of profession: 37%
- Other: 46%

### Biggest barrier keeping members from attending Chapter Meetings?
- Time: 49%
- Meeting Location: 24%
- Lack of relevant presentation topics: 10%
- Does not apply: 9%
- Seeks education elsewhere: 2%
- No interest: 4%
- Cost: 3%

### How many Chapter or Section meetings have you attended in the last year?
- 0 to 1: 12%
- 2 to 4: 20%
- 4+: 42%
- None: 25%

### What ASSP Gulf Coast social networks were most used by members?
- Gulf Coast website: 14%
- LinkedIn: 6%
- Facebook: 81%

Thank you for your participation!

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Safety Professional of the Year (SPY)

Interested in nominating for the 2019 SPY? Please fill out the application in the link below

**INDIVIDUALS MAY ALSO SELF-NOMINATE. ELIGIBILITY REQUIREMENTS ENCOMPASS AN INDIVIDUAL’S EXPERTISE, INDUSTRY AND ASSP INVOLVEMENT, PREVIOUS AWARDS AND LEADERSHIP.**

Application here: [SPY Application](#)
### Heat-Illness Prevention Written Plan and Training

<table>
<thead>
<tr>
<th>Location</th>
<th>Date and Time</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Houston</td>
<td>March 1, 2019 8:30 AM to 12:30 PM</td>
<td>University of Houston Clear Lake 2700 Bay Area Blvd. Houston, TX 77508</td>
</tr>
<tr>
<td>La Marque / Texas City</td>
<td>March 5, 2019 8 AM to 12 PM</td>
<td>Gulf Coast Safety Institute 320 Delany Rd. La Marque, TX 77568</td>
</tr>
<tr>
<td>North Houston</td>
<td>March 8, 2019 8:30 AM to 12:30 PM</td>
<td>OSHA Houston North Area Office 690 South Loop 336 West, Suite 400 Conroe, TX 77304</td>
</tr>
<tr>
<td>South Houston</td>
<td>March 22, 2019 8:30 AM to 12:30 PM</td>
<td>University of Houston Clear Lake 2700 Bay Area Blvd. Houston, TX 77508</td>
</tr>
</tbody>
</table>

Note: If you have more than ten trainees, we can conduct trainings at your company or job-site, or schedule a training at our facilities.

University of Houston Clear Lake (UHCL) is providing a FREE model heat-illness prevention plan and training for small-businesses in the Houston region. The trainings and materials were produced under grant number SH-05032-SH8 from the Occupational Safety and Health Administration, U.S. Department of Labor. It does not necessarily reflect the views or policies of the U.S. Department of Labor, nor does mention of trade names, commercial products, or organizations imply endorsement by the U.S. Government.

Materials developed by professors with occupational health and safety expertise and years of professional experience.

- Dr. Magdy Akladious, PhD, PE, CSP, CPE, CSHM
- Dr. Robert Phalen, PhD, CIH

Benefits of attending

1. Free training from qualified experts
2. Be able to train workers and future new hires
3. Free training materials and assistance
4. Improve safety and reduce costly heat-related illnesses
5. Attendees will receive a certificate of attendance

Register at [http://www.eventzilla.net/user/UHCL](http://www.eventzilla.net/user/UHCL) or contact Robert Phalen at (281) 283-3753 or phalen@uhcl.edu

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**FREE Safety Trainings March-April 2019**

- Transforming Stress into Success
- Understanding Ethnical Responsibilities and Legal Liabilities in Safety
- NFPA 70E – Understanding the Standard
- Safety: “The People Profession”

More information can be found at: [http://www.com.edu/gcsi/free-training](http://www.com.edu/gcsi/free-training)
Snakes

Last year there were three snake bites reported to the Houston OSHA offices that required hospitalization. Two of the bites occurred in March and the other occurred in May. Snakes have been spotted out around Houston already so it’s important to be prepared, look where you are going, and watch where you are reaching.

Snakes

- Watch where you place your hands and feet when removing debris. If possible, don’t place your fingers under debris you are moving. Wear heavy gloves.
- If you see a snake, step back and allow it to proceed.
- Wear boots at least 10 inches high.
- Watch for snakes sunning on fallen trees, limbs or other debris.
- A snake’s striking distance is about 1/2 the total length of the snake.
- If bitten, note the color and shape of the snake’s head to help with treatment.
- Keep bite victims still and calm to slow the spread of venom in case the snake is poisonous. Seek medical attention as soon as possible.
- Do not cut the wound or attempt to suck out the venom. Apply first aid: lay the person down so that the bite is below the level of the heart, and cover the bite with a clean, dry dressing.

Last year there were three reported snake bites:

- Employee was helping to conduct a prescribed burn on the forest. The employee had set his tool down to use the radio and communicate with others on the burn. When he reached down to pick up the tool, a copperhead snake hiding in the leaves bit him on the right index finger.
- Employee was servicing a residential propane tank and when he reached down to pick up a tool he was bitten by a copperhead snake.
- Crew of employees were doing a site prep cleaning for an oil drilling rig. While lifting debris from the ground the employee got bit by a cotton mouth snake.

A couple of good resources with additional information:

<table>
<thead>
<tr>
<th>CDC NIOSH</th>
<th>Texas Parks and Wildlife</th>
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</table>

This information has been developed by an OSHA Compliance Assistance Specialist and is intended to assist employers, workers, and others as they strive to improve workplace health and safety. While we attempt to thoroughly address specific topics [or hazards], it is not possible to include discussion of everything necessary to ensure a healthy and safe working environment in a presentation of this nature. Thus, this information must be understood as a tool for addressing workplace hazards, rather than an exhaustive statement of an employer’s legal obligations, which are defined by statute, regulations, and standards. Likewise, to the extent that this information references practices or procedures that may enhance health or safety, but which are not required by a statute, regulation, or standard, it cannot, and does not, create additional legal obligations. Finally, over time, OSHA may modify rules and interpretations in light of new technology, information, or circumstances; to keep apprised of such developments, or to review information on a wide range of occupational safety and health topics, you can visit OSHA’s website at [www.osha.gov](http://www.osha.gov). For questions contact Jim Shelton at the Houston North OSHA office: Shelton.james@dol.gov.