



# NewsLetter

## WORLD SAFETY ORGANIZATION

www.worldsafety.org

JULY 2019

editorialstaff@worldsafety.org

# We'll See You in Las Vegas!



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32nd Annual WSO International  
Environmental and Occupational Safety and Health  
**PROFESSIONAL DEVELOPMENT  
SYMPOSIUM**  
**PROFESSIONALISM and EXCELLENCE**  
*for the FUTURE*

*Details on Page 3 or the WSO Website:  
[www.worldsafety.org](http://www.worldsafety.org)*

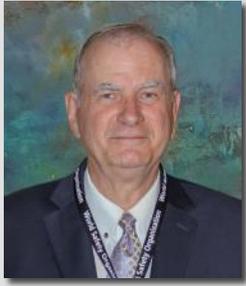
**Register  
today!**

Join Us October 7-9 at Tuscany Suites & Casino in Las Vegas, Nevada

from the desk of

**DR. CHARLES H. BAKER**

*Chief Operations Officer*



Welcome to the World Safety Organization's July NewsLetter!

As always, this issue is filled with useful information with much pertaining to the annual WSO Symposium being held October 7-9. If you have not yet registered, make sure

you do so during the final discount period of August. Registration jumps to full price on September 1.

Also, you'll want to take note of the list of speakers and topics on Page 4, many of which I'm sure will be of interest to you.

Many of your WSO friends, colleagues, and associates will be in attendance allowing for renewal of friendships and professional relationships, as well as making new personal and professional connections. As these connections can be personally and professionally rewarding, we encourage all members to attend and bring colleagues and associates with them.

This year's symposium is being held once again in Las Vegas because this venue offers many opportunities for family fun and activities. Take note of the list of activities in and around Las Vegas, and think about extending your stay as an opportunity for a family vacation.

Our summer (at least here in the northern hemisphere) is half over, but we encourage all members to consider safety as we go about our summertime activities. This will be especially true as we travel to Las Vegas in the fall. Remember...*safety first* in all you do!

We are looking forward to seeing everyone in Las Vegas! [CHB]

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**To submit papers for publication in the WSO World Safety Journal**, please email to Dr. Janis Jansz, WSJ editor: [j.jansz@curtin.edu.au](mailto:j.jansz@curtin.edu.au).

*Contact us at [editorialstaff@worldsafety.org](mailto:editorialstaff@worldsafety.org) to place an item on the Bulletin Board.*



## Reserve your Symposium Accommodations at the Tuscany Suites & Casino

To Book Online: <https://stay.tuscanylv.com/>  
Input Arrival Date, Departure Date, and Group Code.  
Click Proceed.

Or, Call Room Reservations: **1-877-887-2261**  
and Give the Group Code.

**WSO's GROUP CODE: 15C3VV**

NOTE: A major credit card is required for first night's room and tax deposit, which will be charged in order to guarantee accommodations.

# WSO's 2019 Symposium: *Professionalism and Excellence for the Future*

**O**ur ever-changing world continues to become smaller through advanced methods of communication, requiring changes in how we live our lives and how we work, how we learn, how we share new information, and how we comply with new laws, regulations, and demands of the changes in global trade.

In the World Safety Organization's 44th year, we are continually reminded of the WSO Objectives: to encourage the effective exchange of information and experiences between/among the members of the WSO; to collaborate with other organizations in conducting activities of mutual concerns, interests, and directions; to promote the continuous upgrading of the safety and accident prevention technology and the fields related to loss of lives, property, and environment; to strive for a universal level of professionalism and competence among its members and WSO non-members whose functions are related to safety; to perform such other necessary acts and functions relevant to the WSO overall theme of "Making Safety A Way of Life ... Worldwide."

## **Symposium Format**

The Symposium provides a unique learning and networking opportunity for corporate managers and executives, SHE professionals, advocates of safety and accident prevention, leaders of safety organizations and WSO members from around the world. Participation in the Symposium provides a forum for information exchange, networking, professional contact with other members, safety professionals, but most of all, learning about new programs and professional knowledge at sessions, panels and workshops presented during the Symposium. The Symposium format consists of presentations, lectures, panels, workshops and plenary sessions. As a part of the program, Symposium participants are invited to take part in the "WSO Global Safety Roundtable," the suggestions, comments, resolutions, etc., of which will be formatted for submission to governmental legislation and Missions of the United Nations (UN), International Labor Organization (ILO), World Health Organization (WHO), and similar rule-making groups on the local, national and international levels.

## **Symposium Topics**

This year's theme is "Professionalism and Excellence for the Future," however symposium topics may include OSH, ESH, ergonomics, systems safety management, security, industrial hygiene, hazardous materials management, transportation safety, construction safety, off-the-job safety, recreational safety, safety of the workplace, disaster preparedness, and legislative topics on the national and global scale.

## **International Participants**

The Symposiums of the World Safety Organization are always international in scope. WSO members from Europe, Asia, Australia, Africa, and the Americas are frequent participants at the WSO Symposiums.

## **Our Symposium Venue: Tuscany Suites & Casino**



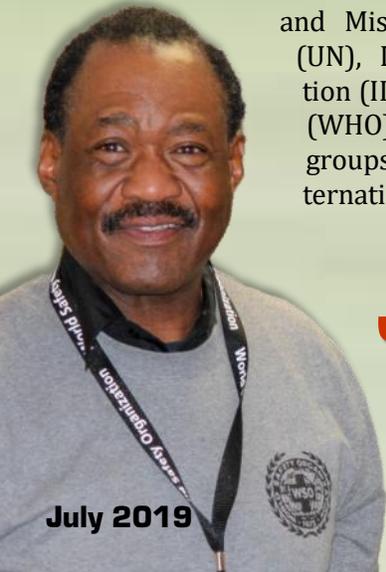
Set just two blocks from the Las Vegas Strip, this Mediterranean-inspired all-suite casino hotel is a couple of miles from the Las Vegas Convention Center.

Understated suites with warm decor have free basic Wi-Fi, flat-screen TVs, kitchenettes, and sitting and dining areas. Sophisticated two-bedroom suites add whirlpool tubs.

Dining options include an Italian restaurant/bar, a pub, a cozy eatery with sandwiches and pastries, and a cafe with a 24-hour breakfast menu. Other amenities include a spa and a casino with live entertainment, plus a fitness center, two pools, a business center, and laundry facilities.

## **WSO Awards Banquet**

WSO Awards Banquet is scheduled on Monday evening, October 7, to honor the individuals, corporations, organizations, and other groups for their concerns in the protection of people, property, resources, and the environment.



# **JOIN US in LAS VEGAS!**

## **OCTOBER 7-9**

**Michael Thomas WSO-CSE**  
Member of the WSO Board of Directors  
and WSO Certification Board

**David H. Roberson WSO-CSM**  
Member of the WSO Board of Directors  
and WSO Certification Board



# 2019 Symposium Speakers

## **Stephen S. Austin**

Millennials and Safety: The Employment Game

## **Babatunde Omoniyi Fayode**

Behavior Based Safety Approach to Advance Injury Free Culture

## **Perry L. Ballard**

1910.132-138 Personal Protective Equipment

## **Dr. Bob Brandys**

DOP Testing of HEPA Filters: Is There a Problem?

Update of Latest Occupational Exposure Limits: DNELs, TEELs, and Others

## **Gail Brandys**

Plant Cultivation in a Desert Climate: Toxic Plants, Toxic Environment

Plant Cultivation Ergonomics: Work Smarter, Not Harder

## **Michael Brown**

Communication Is the Easiest Tool to Break

## **Monica P. Cervantes**

A Return to Ground

Overexposed

## **Christian Mark Arguelles Dimayuga**

Innovational Development on Health & Safety Programs

## **Stephanie Gerken**

Service Animals in the Workplace

## **Dr. David P. Gilkey**

ROV Safety: Epidemiology, Risks, Hazards, Interventions, and Trends

## **Christopher Hicks**

Key Essentials of a Value-Added Contractor Safety Program

## **Syed Tayyeb Hussain**

Occupational Stress Management

## **Joann Jackson-Bass**

Safety Incorporated into Emergency Response

## **Dr. Janis K. Jansz**

Is Education and Training Required for Workplace Safety?

## **Joseph Mweu Kimeu**

Train Your Mind: The Key to Managing Stress

## **Martin Logan**

How to Deal with a Work Fatality

## **Bo Mitchell**

Training for an Active Shooter Event

## **Jayandran Mohan**

Hazard Analysis in Food Grade Hexane Plant

Atmosphere Pollutant Analysis and Corrosion Simulation over LPG

Transporting Pipelines in an Industrial Site

## **Graham Moore** and **Carl I. Prophet**

Selecting and Managing Your Security Consultants

Key Control: What It Is and Why It Matters

## **David A. North**

Does Modern Ammunition Really Present a Hazard to First Responders in Accidents and Fire?

## **Doug Perryman**

A Simple Management Engagement Tool

## **Kayla Rath**

The Ripple Effect: The Impact Unsafe Work Acts Have on a Family

## **Lourrinda Renee**

Safety Climate Perceptions of Workers

## **Saeed Obaid Semaihi**

Health and Safety: Is It a Job or a Commitment?

## **Kristiana Varkalhoff**

A Student's Point of View: How We Feel Safe in American Schools Compared to Schools in Other Countries

## **Abdul Rafiu Zakaria**

Resolving Contemporary HSE Issues in the Middle East

## **Other Speakers**

*(Awaiting Final Confirmation and/or Topics to Be Determined)*

Kent L. Bakken

Comfort Chioma Mgbarine

Jose Marie Batino

James F. Porter, Jr.

Dr. Elias M. Choueiri

Randy Mallari Ronquillo

Cynthia Febrina

Ismaili Tuivaga

Hilary E. Konczal

Obidiegwu Ugochi

Frankline Osundwa Matini

# Things to Do In and Around Las Vegas

Gail Brandys, President, Occupational & Environmental Health Consulting Services, Inc., Las Vegas

## Daytime Activities



### Springs Preserve

[www.springspreserve.org](http://www.springspreserve.org)  
My favorite place to take visitors to Las Vegas is Springs Preserve. It is a 180 acre park with display gardens, museums, a recreation of a 1900s boom town, and archaeological sites from early Vegas inhabitants that can be viewed by a train ride or rental bikes. May stay open later for dinner in their cafe.

### Hoover Dam / Lake Mead

[www.canyontours.com/hoover-dam-tours/](http://www.canyontours.com/hoover-dam-tours/)  
[www.nps.gov/lake/planyourvisit/index.htm](http://www.nps.gov/lake/planyourvisit/index.htm)  
[www.lakemeadcruises.com/](http://www.lakemeadcruises.com/)



The Hoover Dam has a variety of tours of various lengths and is less than an hour away.

Lake Mead also has an informative paddleboat ride that lasts about an hour and takes you to a close up view of the Hoover Dam.

### Atomic Testing Museum

[www.nationalatomicmuseum.org/](http://www.nationalatomicmuseum.org/)



A few minutes east of the Strip is a museum dedicated to the atomic testing that took place in Nevada during the 1950's.

### State and National Parks

[www.redrockcanyonlv.org/](http://www.redrockcanyonlv.org/)  
[parks.nv.gov/parks/spring-mountain-ranch](http://parks.nv.gov/parks/spring-mountain-ranch)  
[parks.nv.gov/parks/valley-of-fire](http://parks.nv.gov/parks/valley-of-fire)  
[en.wikipedia.org/wiki/Mount\\_Charleston](http://en.wikipedia.org/wiki/Mount_Charleston)



There are a number of wilderness parks within an hour that could be seen by bus: Red Rock Canyon, Spring Mountain State Park, Valley of Fire, and Mount Charleston (at 9,000 feet high).

### Eldorado Gold Mine Tour

[www.eldoradocanyonminetours.com/index.html](http://www.eldoradocanyonminetours.com/index.html)



About an hour out of town is a privately-owned abandoned gold mine. The town looks like Radiator Springs from the "Cars" movie.

### University of Nevada Cooperative Extension Master Gardener Research and Display Gardens

[www.unce.unr.edu/resources/horticulture/demandtestgardens/](http://www.unce.unr.edu/resources/horticulture/demandtestgardens/)



UNCE offers free guided tours of their Research and Display Gardens which is about 15-20 minutes from the Strip. It may be possible to arrange for a free gardening lecture on a topic of interest to the group.

## Nighttime Activities



### Pinball Hall of Fame

[www.pinballmuseum.org/](http://www.pinballmuseum.org/)  
An interesting museum of hundreds of working pinball games about 15 - 10 minutes from the Strip.

### Container Park

[www.downtowncontainerpark.com/](http://www.downtowncontainerpark.com/)  
East of "Downtown," which is also known as Fremont Street, about 15 minutes north of the Strip is the Container Park, an interesting venue of eateries, shops, and live entertainment.



### Neon Boneyard

[www.neonmuseum.org/](http://www.neonmuseum.org/)  
About 20 minutes from the Las Vegas Strip is an outdoor museum of antique neon signs from past Vegas venues being restored. Guided tours are available during days or evenings.

*We sincerely appreciate Gail for compiling this list of extracurricular activities in Las Vegas, and we hope you will take advantage of some of her recommendations. Gail will present "Plant Cultivation in a Desert Climate: Toxic Plants, Toxic Environment" and "Plant Cultivation Ergonomics: Work Smarter, Not Harder" at the WSO Symposium on Tuesday, October 8. You do not want to miss her sessions, so register today!*

# WSO Student Membership Program Offers First Step toward Meeting Personal and Professional Goals



My name is Zahra Etemadi. I am a student member of World Safety Organisation (WSO) and the WSO National Office for Australian Student Representative. The reason I applied for WSO membership is because I know that I will be learning a lot more about health and safety as it is a never ending learning journey. My aim is to bring a

change/improvement to the current work health and safety policies and procedures in my workplace, my country and eventually worldwide. I know it is a long term goal but being a member of an international professional safety organisation is one of the first steps that I can take to allow me to look into health and safety from a broader level of professionalism.

I am originally from Afghanistan. My parents migrated to Iran due to war to give their children the opportunities that they never had. **I lost my father at a very young age due to the lack of safety and poor equipment at his workplace.** This incident had a very big impact on me and it made me more concerned about the safety of other construction workers. My parents moved to Iran to give us better opportunities but still we could not attend school or university freely; that's when my mother decided that we should migrate to Australia. We moved to Australia when I was 14 years old. It was very challenging for my family and me. We had to learn many new things and adapt to the new environment very quickly. It was not easy, but we all did our very best.

I tried very hard at school and got good marks during my years in high school, which allowed me to be accepted to study at Curtin University in Western Australia. I have studied construction management and worked in a large commercial construction company where my passion for safety in high-risk construction work, policies and legislations, and workplace procedures and systems developed. I always aspired to achieve a career that is challenging and has endless opportunities; therefore I decided to enrol in a Bachelor of Science (Health, Safety &

Environment) at Curtin University and that's when I found out I had made the right choice. I believe in Zero Harm and it can be achieved by influencing a worker's behaviour, rather than enforcing them.

As a Student Representative I provide a student's point of view on decisions and information presented at Australian WSO meetings and events. I facilitate and encourage students to join World Safety Organisation and student WSO members to take an active role that includes learning more about making improvements in workplace safety, health and environmental management, gaining an international perspective on workplace safety and health practices, sharing their thoughts and researching safety and health knowledge through World Safety Organisation's Newsletters, the World Safety Journal and sharing their knowledge.

An example of an Australian student who shared her knowledge through the World Safety Journal is Cassandra Saldaris. Her article was published in the World Safety Journal (2018), volume 27, issue 4, pages 13 to 18 and was titled 'Is Safety Good Business?' Having this article published in the World Safety Journal to share her workplace safety knowledge internationally helped Cassandra to stand out from other students Australia wide when she graduated with a Bachelor of Science (Health, Safety and Environment) and she was the graduate winner of the 2019 Safety Institute of Australia (SIA) National Occupational Health and Safety Education Undergraduate Award. This is a very prestigious award which includes a commemorative medal and certificate, professional development fund to the value of \$1,500, 12 months membership with the SIA, complimentary attendance at the 2019 SIA National Health and Safety Conference, travel and accommodation to the 2019 SIA National Health & Safety Conference to accept the Award and Curtin University has received a plaque as the educational institution at which Cassandra graduated from in 2019. Cassandra has accepted a safety and health professional job offer by Woodside, which is a large, on and off shore, oil and gas production-company, and is currently working there. ■

## ATTENTION 2019 SYMPOSIUM SPEAKERS

### >>> Important Dates to Remember <<<

**August 15:** Final deadline: paper for publication in the "Symposium Proceedings," speaker's photo, and current bio

**September 1:** Conference Registration Form and payment of Fees must be received to confirm participation in the Symposium Program.

## Scott's Safety Share *The Deadly Dozen*

*Submitted by Scott Masters, WSO-CSM; Contract Employee, Construction Lead Safety Specialist, Alliant Corporation; Tennessee and South Carolina USA*

We all know that there must be a cause for an accident to happen. In order to avoid accidents, we must remove the cause. Every cause is a result of an unsafe act or unsafe condition. By recognizing the unsafe act or condition, we can effectively remove the exposure to them. The following "deadly dozen" are reminders to help you recognize unsafe acts or conditions.

### Unsafe Acts

1. Unauthorized use or operation of equipment.
2. Failure to secure or tie down materials to prevent unexpected movement.
3. Working or operating equipment too fast.
4. Failure to issue warnings or signals as required.
5. Using defective tools or equipment.
6. Removing guards.
7. Improperly using tools or equipment.
8. Standing in an unsafe place or assuming an improper posture (as in lifting).
9. Servicing moving equipment.
10. Riding equipment not designed for passengers.
11. Horseplay.
12. Failure to wear the proper personal protective equipment.

### Unsafe Conditions

1. Lack of proper guards.
2. Lack of a proper warning system.
3. Fire and explosion hazards.
4. Poor housekeeping.
5. Unexpected movements.
6. Protruding objects such as nails, wire, or other metals.
7. Improper clearance or congestion at aisles or passageways.
8. Poor placement, storage or arrangement of materials.
9. Hazardous tools, equipment or materials.
10. Poor lighting, high noise levels.
11. Hazardous atmospheric conditions.
12. Improper personal attire.

### Remember

By recognizing these conditions or acts, you can effectively correct or avoid them and reduce your personal exposure to the general causes of accidents. Should any question arise that you cannot answer, don't hesitate to notify your supervisor or manager. ■

## UPCOMING EVENTS

SEPTEMBER 18–19

### ASEAN HSSE Loss Prevention & Professional Development Conference & Exhibition

*Hosted by The Malaysian Oil & Gas Services Council*

Hotel Istana | Kuala Lumpur, Malaysia

[www.aseanhssse.com](http://www.aseanhssse.com)

SEPTEMBER 30 – OCTOBER 3

### 7th Global HSE Int'l Conference & Exhibition

*Hosted by the National Oil and Gas Authority (NOGA), Saudi Aramco, and BANAGAS under the patronage of H.E. Shaikh Mohammed bin Khalifa Al Khalifa, Minister of Oil, Kingdom of Bahrain*

Gulf Convention Centre | Manama, Kingdom of Bahrain

[www.globalhse.org](http://www.globalhse.org)

OCTOBER 7–9

### 32nd WSO SYMPOSIUM

*Professionalism and Excellence for the Future*

Tuscany Suites & Casino | Las Vegas, Nevada, USA

[www.worldsafety.org/32nd-annual-wso-symposium/](http://www.worldsafety.org/32nd-annual-wso-symposium/)

OCTOBER 21–23

### Oman Fire, Safety and Security Expo

Oman Convention and Exhibition Centre | Muscat, Oman

[www.muscat-expo.com/ofsec/](http://www.muscat-expo.com/ofsec/)

OCTOBER 22

### International Fire & HSE Summit

Oman Convention and Exhibition Centre | Muscat, Oman

[www.wpsummits.com/ifahse/](http://www.wpsummits.com/ifahse/)

OCTOBER 29–31

WSO National Office for Nigeria's

### 2019 NatConf & Awards

Lagos Chambers of Commerce & Industry | Lagos, Nigeria

[www.worldsafety.org.ng/conference](http://www.worldsafety.org.ng/conference)

For more information, or to have your event listed, please contact the WSO World Management Center:

+1-660-747-3132 | [administrator@worldsafety.org](mailto:administrator@worldsafety.org)

[www.worldsafety.org](http://www.worldsafety.org)

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