Tim Page-Bottorff, CSP BIO

Mr. Page-Bottorff is an inspirational professional who brings experiences from his over 20 years of Occupational Health, Safety and Environmental experience. As a United States Marine, Tim earned the Humanitarian Service Medal and is a veteran of Operation Desert Shield/Storm. Tim started his safety career in the Marine Corps and is very proud of his grass roots approach.

Tim is the immediate Past President of the Arizona Chapter and current Delegate. He is also a member of the Consultants and International Practice Specialties including being a member of the Military Branch. He is currently working on a Self Help Book titled The Core of Four. He is a Senior Safety Consultant with SafeStart and owns his own consulting firm Total Safety Compliance.

His industry accomplishments include certification as an OSHA Training Institute and an Adjunct Faculty Member for the University of California San Diego, Asbestos Inspector/Management Planner, HAZWOPER Instructor, California Specialized Training Institute Instructor and California Fire Marshal Instructor. Tim has a BS in Management and is completing his MS from Arizona State University. He is also a Certified Safety Professional (CSP) from the Board of Certified Safety Professionals.

While Tim’s history is impressive, it is his personal passion for safety that makes him such a motivating professional. As a father of teenagers, he realizes the importance of safety not just at work, but also at home and on the road. This passion makes Tim one of the most sought after speakers and consultants in this industry.

CONGRATULATIONS
Region II Newsletter

Region II Introduces the First Annual Networking Event at Tommy Bahamas

**OUR SPONSORS**

Columbia Southern University  CLMI  SAFESTART

**Location:** Tommy Bahamas *(9101 International Drive, Orlando, FL 32819)*  
**When:** 6:30-10:30 PM on Monday, June 9th, 2014  
**Who:** Region II PDC Attendees and Sponsored Guests  
**How:** In your best Tommy Bahamas attire. *Hawaiian shirt and flip flops will do!* Meet ASSE Past President Rick Pollock and many others.
Greetings Region II and ROC!

Happy spring! With great honor comes great responsibility; thank you all for your vote and continued support. It is with great honor to be able to serve a second term. I will continue to serve and represent all members of Region II and Society in my role on the board. I am blessed to continue to serve the Society and Region II with professionals like you. I look forward to our continued service to our great Society. What we do is noble. With great humility and your help, I will continue to lead Region II and bring diversity of thought to the Society. Let us continue our support and work together serving the Society and our volunteer member/leaders that hold the current posts of leadership!

2015 term Region II Officers

The new Region II leadership team includes: John Braun – Treasurer; Jeff Citrone – Newsletter; Tim Page-Bottorf – Public Relations/Professional Development; Rick Zellen – Foundation/Student Affairs/Existing Scholarships; Melissa Schmaltz-Awards and Honors; Website/Secretary chair has stepped down and I will be looking for a replacement. A suggestion was made at the ROC that a student section member would be appropriate to fill this in; Ernie Harper – Historian.

2014 May 1-3 Region II PDC and ROC Golden, CO

The first ever Region II Professional Development Course was held. It was a success, with excellent speakers and 24 attendees. The Region II ROC was also held in conjunction with the PDC. All the Region II Chapters, except the Middle East Chapters, were represented. Numerous topics were discussed, including the proposed new governance model, a proposed member Bill of Rights, and two new Student Sections were incorporated.

ASSE Agenda—
Changing ASSE

Have you tried our Region II Website Yet?
http://region2.asse.org

Safety 2014 Has it All

At Safety 2014, there truly is ‘something for everyone.’ It’s your one stop shop for EVERYTHING Safety. - Isidro Ledesma, RPG Manufacturing.

Download the Safety 2014 Conference App to gain immediate access to:

- YOUR personalized agenda
- Speaker presentations
- Session tracks
- Interactive maps
- Exhibitor guide
- Event details

See page 5 for more details.

ASSE Agenda—
Society’s governance structure—

Safety in Pictures

I just need to get home, man!
2014 Society Election Results

Congratulations to the following candidates in the 2014 Society Election. The succession of candidates from President-Elect to President and Senior Vice President to President-Elect is automatic. Therefore, Patricia Ennis and Michael Belcher did not appear on the actual ballot.

**President**
Patricia M. Ennis, CSP, ARM

**President-Elect**
Michael Belcher, CSP

**Senior Vice President**
Thomas F. Cecich, CSP, CIH

**Vice President Finance**
Stephanie A. Helgerman, CSP

**Vice President, Practices & Standards**
Jeffery C. Camplin, MS, CSP, CPEA

**Region II RVP**
Michael F. Lorenzo, MS, CSP, CPEA
ASSE Announces New Student Sections (All in Region II)!!

The chapters in Region II have been busy partnering up with students at various universities. The Southern Arizona Chapter has partnered up with University of Arizona to form a student section; the Craters of the Moon Chapter has partnered up with Brigham Young University Idaho to form a student section there, called the BYU Idaho student section; and the Rocky Mountain Chapter has partnered with Colorado State University to create a student section there.

Congratulations to these new student sections and welcome to ASSE!

SAFETY INSTRUCTIONS

New Certified Environmental, Safety and Health Trainer (CET) Examination Released

Champaign, IL - The Board of Certified Safety Professionals (BCSP) has completed beta testing for the CET examination and is now releasing the new, 200-question version to safety, health, and environmental (SH&E) trainers.

“BCSP appreciates all certificants who participated in the beta test of the CET examination,” says Dr. Treasa Turnbeaugh, CSP, CET, BCSP CEO. “Their support provided us with information that will maintain the CET as an outstanding certification with proven value.”

Information gathered during the beta test was used in the validation of the examination's items by a third-party psychometrician, ensuring the quality of the examination.

With the evaluation of the CET examination completed, those who participated in the beta test can expect to receive their results in the next few weeks.

SH&E practitioners who aim to achieve the CET have access to the latest examination references and a Self-Assessment Examination. Those interested can find these items, as well as application material, at www.bcsp.org/cet.
Work-Related Health Terms

In every profession there are words and phrases used to facilitate work. Here are some common ones used by industrial hygienists:

**Acute Effect:** a change in the body after a relatively short term following exposure to a substance.

**Biological Monitoring:** the measurement of the body fluids as it relates to exposure to hazardous substances. Results may be compared with specific biological exposure standards.

**Carcinogen:** a chemical, physical or biological agent that can cause cancer in humans or and animals. The International Agency for Research on Cancer (IARC) publishes a list of carcinogens.

**Chronic Effect:** a change in the body over a relatively long period of time following repeated exposure.

**Corrosive:** a chemical that will burn the skin upon contact.

**Dermatitis:** the most common occupational disease with symptoms of redness, blisters, and cracks in the skin.

**Engineering Controls:** a type of hazard control that uses physical engineering methods. Examples include ventilation, isolation, enclosure, and re-design of equipment.

**Ergonomics:** the study or work stressors associated with the overuse of muscles, bad posture, and repeated tasks. This is accomplished by designing tasks, work spaces, controls, displays, tools, lighting, and equipment to fit the employee’s physical capabilities and limitations.

**Fume:** fine, solid particles formed when hot metal vapors cool that are associated with metal, especially from welding.

**Hazardous Material:** any substance that may cause adverse health effects to people and the environment.

**Heat Stress:** exposure to extreme heat that can result in occupational illnesses and injuries.

**Industrial Hygiene:** art and science dedicated to the anticipation, recognition, evaluation, and control of workplace environmental stressors that may result in injury, illness, impairment, or affect the well being of workers. These stressors include biological, chemical, physical, ergonomic and psychosocial factors.

**Mist:** small droplets of liquid suspended in the air. Of special concern is the respirable portion, between 1-10 microns, that can be deposited in the lower lung.

**Occupational Exposure Limit:** upper acceptable concentration of a substance in workplace air particular material. Examples include the PEL and TLV.

**Occupational Illness:** a condition or sickness that results from exposure to a biological, chemical, or physical hazard.

**Organic Solvent:** carbon based substances that are capable of dissolving or dispersing one or more other substances. They can affect the skin through direct contact or have respiratory affects from vapors.

**Particulates:** fine solid particles that are suspended in air. Of special concern is the respirable portion, between 1-10 microns, that can be deposited in the lower lung.

**Permissible Exposure Limits (PEL):** occupational exposure limits published by OSHA.

**Personal Air Sampling:** includes a series of methods to measure worker exposure to substance(s). May include direct reading instruments or the collection of the substances on a designated media with subsequent laboratory analysis.

**Reproductive Hazards:** any material that can affect the development of sperm and egg cells. These include genotoxin that can damage the genes of an individual, teratogen that can affect the normal development of the fetus and a mutagen that can affect the DNA of the fetus.

**Routes of Entry:** how a substance may enter the body. These include inhalation, ingestion, skin or eye contact, and injection.

**Safety Data Sheet:** previously material safety data sheet, a document that contains information on the potential hazards (health, fire, reactivity and environmental) and how to work safely with the chemical product.

**Sensitizer:** a substance which after repeated exposure can cause skin and/or respiratory effects in allergic individuals.

**Short Term Exposure Limits and Ceiling Values:** occupational exposure standards for short term exposures usually 15 to 30 minutes.

**Threshold Limit Values (TLV):** occupational exposure limits for substances and physical hazards published by the American Conference of Governmental Industrial Hygienists, a non-governmental organization.

**Time Weighted Average:** occupational exposure limits for an 8-hour shift.

**Vapor:** form that a gas or liquid takes when it evaporates into the air. Of greatest concern are organic petroleum products that from a vapor. A relative measure is vapor pressure.

**Ventilation:** an engineering control designed to supply or exhaust air. Local exhaust is designed to remove contaminants at the source.

Re-published from OccuSafe at (214) 662-6005 or visit us at www.occusafeinc.com.

OccuSafe Industrial Hygiene & Safety, Inc. provides skills and expertise to recognize, evaluate and control hazards and injuries in the areas of industrial hygiene, occupational safety and health. OccuSafe services companies of all sizes in a range of industries.
OSHA Announces National Safety Stand-down for Fall Prevention in Construction---June 2 to 6

The purpose of the National Fall Prevention Stand-Down is to raise awareness of preventing fall hazards in construction. Fatalities caused by falls from elevation continue to be a leading cause of death for construction workers, accounting for 269 of the 775 construction fatalities recorded in 2012.

Fall prevention safety standards were among the top 10 most frequently cited OSHA standards, during fiscal year 2012. The goal is to have over 25,000 employers and 500,000 workers to hold a Stand-Down and if that goal is met, it will have touched almost 1 out of 10 construction workers in the country.

- Wear a harness and always stay connected
- Make sure your harness fits
- Use guardrails or lifelines
- Inspect all fall protection equipment before use
- Guard or cover all holes, openings, and skylights

- PLAN ahead to get the job done safely.
- PROVIDE the right roof equipment.
- TRAIN everyone to use the equipment safely.
Congratulations to the 2014 ASSE Foundation Scholarship Recipients From Region II

George Gustafson HSE Memorial Scholarship (sponsored by the Texas Safety Foundation)
Recipient: Mark Lindley
Grad Status: undergraduate
University: Brigham Young University
Degree Program: Public Health - Occupational/Environmental Health Emphasis
Amount: $2,000

Bervin Hall Memorial Scholarship (sponsored by the Colorado Chapter)
Recipient: Kevin Haughn
Grad Status: undergraduate
University: Trinidad State Junior College
Degree Program: Occupational Safety and Health
Amount: $1,000

Blacks in Safety Engineering Scholarship
Recipient: Limi Akomah-Mordi
Grad Status: undergraduate
University: Brigham Young University Idaho
Degree Program: Occupational Safety and Health
Amount: $1,000

Four Corners Chapter Scholarship
Recipient: Kimberly Eckman
Grad Status: undergraduate
University: Boise State University
Degree Program: Environmental and Occupational Health
Amount: $1,000

Region II Scholarship
Recipient: Jesse Zmoos
Grad Status: undergraduate
University: Brigham Young University- Idaho
Degree Program: Occupational Health and Safety
Amount: $1,000

Scott Dominguez - Craters of the Moon Chapter Scholarship
Recipient: Logan Rothwell
Grad Status: undergraduate
University: Brigham Young University- Idaho
Degree Program: Health Science- Occupational Health and Safety
Amount: $1,000

Utah Chapter ASSE Scholarship
Recipient: Mark Lindley
Grad Status: undergraduate
University: Brigham Young University
Degree Program: Occupational Safety and Health
Amount: $1,000

William C. Ray, CIH, CSP Arizona Scholarship
Recipient: Katherine Merems
Grad Status: graduate
University: University of Arizona
Degree Program: MPH Environmental and Occupational Health
Amount: $2,500