Welcome!

Happy New Year to our UCSD Authorized OSHA Outreach Trainers. I hope your holidays were good to you and your families. This is the first issue of our second edition of this newsletter. I hope you have found the past issues useful for your training efforts.

With this issue, we say goodbye to our UCSD OSHA Training Institute Education Center Director, Scott MacKay. Scott been our director for the past six years and officially retired on January 17, 2014. We’re going to miss him a lot. There were many in attendance to see him off: UCSD and Cal-OSHA dignitaries, UCSD staff members, quite a few instructors and former UCSD employees, as well. You can read some thoughts he shared with me in what is usually our Trainer Spotlight article.

We also will tell you about the latest in our three main areas, Construction, Maritime and General Industry. OSHA continues to update standards and has plans for new ones coming up. One place you can look online to see what they have planned is the OSHA Unified Agenda that’s published twice per year on the OSHA website. Click here to see the latest Agenda, which was published in the fall of 2013.

The items listed in the Agenda are broken down into Pre-rules, Proposed Rules and Final Rules. Two of the final rules that are likely to affect us right away are the Confined Spaces in Construction rule that is likely to be final in February 2014, and the Walking and Working Surfaces and Personal Fall Protection rule that will affect General Industry exposures. This rule is to be final in June of 2014. Check OSHA Quick Takes for more information on these items.

Last issue I asked for comments about a ridiculous picture of an employee elevated on the forks of a powered industrial truck and received several responses back immediately from some of our Outreach Instructors. Most were delivered tongue-in-cheek (at least I hope so), but I really thank you for your contact because it truly shows that many of you are really reading this newsletter. Again, I ask those of you that have comments about anything in our newsletter or regarding our Outreach programs to email me at hgribow@ucsd.edu, or our main address of oshatraining@ucsd.edu.

-Harold Gribow, Executive Editor

Inside this issue:

- UC San Diego Trainer Tip of the Month 2
- UCSD Outreach Director Spotlight 3
- From the General Industry Editor 4
- From the Maritime Editor 4
- From the Construction Editor 5
- Outreach Program 5
- UCSD OTIEC Contact Information 6
- Trainer Resources 6

February & March Refresher Courses

- Claremont: OSHA 502—Construction, Feb 10-12
- Claremont: OSHA 5029—Cal/OSHA Construction, Feb 13
- Tucson: OSHA 502—Construction, Feb 18-20
- San Leandro: OSHA 502—Construction, Feb 24-26
- San Diego: OSHA 511—General Industry, Mar 3-5
- San Diego: OSHA 5039—Cal/OSHA General Industry, Mar 6
- San Diego: OSHA 5402—Maritime Safety Update, Mar 10-12
- San Diego: OSHA 502—Construction, Mar 17-19
- San Diego: OSHA 5029—Cal/OSHA Construction, Mar 20
- Phoenix: OSHA 503—General Industry, Mar 24-26

osh.ucsd.edu/newsletter  •  oshatraining@ucsd.edu
UC San Diego Trainer Tip Of the Month  by Jeff Lewis

One of the more educational experiences is to take a class from another trainer. Last month I had the privilege to take Thom Stefanik’s OSHA 501 and Jeff Beeler’s OSHA 5600 programs.

Thom introduced us to the Napo Videos. The films in the Napo series are produced in computer graphics. They feature characters in the world of work, faced with safety issues. The main character, Napo, and his partners express themselves in wordless language. Culturally, they are “neutral” and therefore anyone can identify with them, whatever their language, country of origin or culture. Visit Napo at napofilm.net.

A student in the OSHA 5600, John Marsden, provided guidance regarding the ability to download YouTube Videos. Specifically, place the letters “ss” in the URL for the video you seek to download. The “ss” is placed as shown: {http://www.ssyoutube.~~~~~~}. You will have options as to what type of file you desire, and my experience has been to pick MP4, as it will play well in both Windows and Mac Operating Systems.

OSHA® specifies that videos cannot comprise more than 25% of the time spent in Outreach training, but for those you do use, these can be very helpful in the success of your programs.

UCSD OTIEC’s Honor Roll
The following trainers have taught the most students in September-October, 2013:

- Adrian Estes
  Tucson, AZ
- Shawn Loughran
  San Diego, CA
- Fred Hoppe
  Riverside, CA
- Karl Semler
  Yuma, AZ
- Manuel Correa
  Reno, NV
- Roderick McDonald
  San Diego, CA
- Ziu Bayardo
  Las Vegas, NV
- William Boudrow
  San Diego, CA
- Charles Richardson
  Las Vegas, NV
- Guadalupe Salazar
  Las Vegas, NV
UCSD Outreach Director Spotlight — Scott MacKay

As I mentioned in the Welcome column, this issue will spotlight our retiring Director, Scott MacKay. Here are his responses to questions I posed to him:

Editor: Would you please describe your career progression that culminated in your directorship of the UCSD OTIEC?
Scott: At first, I engaged in a series of eclectic jobs ranging from producing tofu, owning two health food stores in upper New York state and working at clerical positions to provide for my growing family. When my third (of five) daughters was born my wife had had enough and insisted I go back to college and “get a real job.” We loaded up the family and I entered a four-year program at Brigham Young University in Provo, Utah, which resulted in a BA in Community History and a Master’s Degree in Adult and Continuing Education.

My first job in the field was as a Community School Principal for Alpine School District in a community outside of Salt Lake City. In 1989 I became the Director of the Center for Training and Development at California State University, Dominguez Hills where I designed the first regionally accredited Master’s Degree offered completely via the internet. The Degree was a Master’s Degree in Quality Assurance. This accomplishment brought me to the attention of the University of Washington in Seattle who hired me to be the Continuing Education Director for Occupational Safety and Health programs which included NIOSH, NIEHS and OSHA Training. As part of this assignment, assumed in 1998, I became the Director of the only OSHA Training Institute Education Center (OTIEC) for Region X. In 2005 Cal State Dominguez Hills recruited me to come back to California to develop and lead a new OSHA Training institute for the Los Angeles area. In 2008 I assumed my current position as the OSHA Training Institute Director at UCSD.

What do you think is your most important accomplishment as Director?
I would have to say it has been to successfully lead the UCSD OTIEC through a very challenging period which included a terrible recession, the development of multiple additional OTIEC’s in the Region and the subsequent competition for students and helping our Education Center and our students, particularly the Trainers, navigate a constantly changing and increasingly more complex world of safety regulations and programmatic requirements. Providing increased services to Trainers such as the newsletter and the online reporting system has also been a focus and I’m proud of what has been developed and continues to evolve.

What else would you like to have accomplished?
The main thing I would have liked to have accomplished is the development of a regionally accredited Bachelor’s Degree in Occupational Safety and Health which would include the OTIEC courses in its program. This is something I plan on continuing to pursue and is something most frequently requested by our students.

If you could look into the future, how do you see the OTIEC in five years?
I have every expectation that UCSD OTIEC will continue in its leadership role among other OTIECs across the nation. But, more importantly, I believe we will have developed and successfully implemented programs serving the needs of specific underserved populations. These include a diversity of programs ranging from helping veterans returning from overseas to successfully enter the workforce as safety professionals to developing quality programs serving the needs of the Spanish speaking community.

What will you miss the most after you retire?
This is the easiest question of all. I will miss the students and my weekly chats with them and my incredible staff and team of Instructors. The folks here at the UCSD OTIEC…... students, faculty, staff, (special call out to Linda, Linda, and Stephanie) are without equal.

(Editors note: The UCSD office staff are: Linda Pelaez, Linda Savitch and Stephanie Spann)

What will you miss the least?
Being away from my dogs. I’m a dog guy as most everyone knows and it breaks my heart each morning before heading into work to see their reproachful eyes.

What are your plans for the future?
I’m going to take a little time off to unwind, relax, get in better shape and recharge my batteries. Naturally the dogs and I will spend a significant amount of quality time together. However, knowing me, I’ll be looking for my next big adventure(s), which, I’m certain, will include staying closely connected with my UCSD OTIEC family!

Thanks Scott, You know we’re going to miss you!
Boom in Energy Production Sends US shipyards into Overdrive (Excerpt from an article by Perry Chiaramonte)

The Great American Energy Boom is having a major ripple effect on the shipbuilding industry, which thanks to a 1920s maritime law, is busier than it has been in decades. Some ten supertankers are currently under construction at U.S. shipyards, with orders for another 15 in the pipeline. That may not seem like a huge number, but considering there are only about 75 such tankers plying American ports now, it represents a genuine boat-building boom.

“We haven’t seen something like this since the 1970s," Matthew Paxton, president of the Shipbuilders Council of America said. “The movement of more oil has built up a real commercial shipbuilding renaissance.”

To read the full article, please visit Fox News.

Updated procedures Issued for Maritime Cargo Gear Certification

OSHA issued revised instructions for compliance officers, crane inspectors, state programs, federal agencies and industry groups regarding maritime cargo gear certification. The OSHA Compliance Directive, CPL 02-01-055 Maritime Cargo Gear Standards & 29 CFR Part 1919 Certification was issued in September and became effective September 30, 2013. Cargo gear certification standards require that all vessels used to load and unload cargo in the United States, and material handling devices and equipment used to handle cargo on land in marine terminals meet minimum certification and inspection requirements. The instruction was revised primarily to provide information on OSHA’s new, Web-based maritime crane application database, which replaces the previous four-part carbon OSHA Forms 71 and 72. The instruction also includes a list of common questions and answers regarding the new database, OSHA enforcement on all vessels and an overview of the maritime 29 CFR Part 1919 Gear Certification Program.

OSHA issues rule to update regulations and decrease burden on businesses

On Nov. 20, OSHA issued a direct final rule, along with a companion notice of proposed rulemaking, that revises requirements of OSHA’s 1910.217 standard for mechanical power presses, which punch, form or assemble metal or other materials. Workers can be exposed to hand, finger or arm injuries—often resulting in amputation—if parts of a press are worn, damaged or not operating properly. The new rule eliminates a requirement for employers to document mandatory weekly inspections of these presses while clarifying the responsibility of employers to perform and document any maintenance or repairs necessary to protect the safety of workers who operate them. The final rule will be effective Feb. 18, 2014, unless OSHA receives a significant adverse comment by Dec. 20, 2013.

(Editor’s note: There were only two comments received and listed on the regulations.gov website by the deadline)

See the news release and Federal Register notice for more information and go to regulations.gov, the Federal eRulemaking Portal, to submit comments electronically.

OSHA Extends Comment Period on Proposed Rule to Improve Tracking of Workplace Injuries & Illnesses

WASHINGTON – The Occupational Safety and Health Administration today announced that it will extend the comment period to March 8, 2014 on the proposed rule to improve workplace safety and health through improved tracking of workplace injuries and illnesses. The proposed rule would amend recordkeeping regulations to add requirements for the electronic submission of injury and illness information that employers are already required to keep under OSHA’s regulations for recording and reporting occupational injuries and illnesses.

The comment period has been extended 30 days in response to a request from the National Association of Home Builders. Comments may be submitted electronically at regulations.gov, the Federal eRulemaking Portal or by mail or facsimile. See the Federal Register notice for more details.

Under the Occupational Safety and Health Act of 1970, employers are responsible for providing safe and healthful workplaces for their employees. OSHA’s role is to ensure these conditions for America’s working men and women by setting and enforcing standards, and providing training, education and assistance. For more information, visit http://www.osha.gov.

General Industry by Harold Gribow

Maritime by Jeff Lewis
The Need of a Signal Person when Using Cranes in Construction

Cranes are used extensively in construction for things such as raising materials and equipment to upper floors or moving them from a delivery area to a laydown yard. Sometimes we use cranes to set building components in place for attachment or to position forms. Crane operators can't always do it alone. At times they need help in the form of a Qualified Signal Person as designated in 29 CFR 1926.1428.

Many times a general laborer or someone else readily available on the site had been called upon to be a signal person. This person may not have been adequately trained to perform this job. The concept of a “Qualified” Signal Person started when the new crane standard, Subpart CC, was put into place in 2010. This was developed to restrict the use of untrained signal persons. To be “Qualified” according to 29 CFR 1926.1428(c) you must:

- Know and understand the type of signals used. If hand signals are used, the signal person must know and understand the Standard Method for hand signals.
- Be competent in the application of the type of signals used.
- Have a basic understanding of equipment operation and limitations, including the crane dynamics involved in swinging and stopping loads and boom deflection from hoisting loads.
- Know and understand the relevant requirements of § 1926.1419 through § 1926.1422 and § 1926.1428.
- Demonstrate that he/she meets the requirements in paragraphs (c)(1) through (4) of this section through an oral or written test, and through a practical test.

NOTE: The Signal Person has to be evaluated and deemed “qualified” by a third party, not to be another employer.

A Qualified Signal Person is required when:
1. The point of operation is not in full view of the crane operator.
2. The crane operator’s view is obstructed in the direction the equipment is traveling.
3. Either the crane operator or the person handling the load determines that a signal person is needed because of site-specific safety concerns.

A Qualified Signal Person can make a big difference in whether crane operations happen safely or not, but only if they are properly trained and competently skilled.

Outreach Program by Stephanie MacGilfrey

I want to wish a Happy New Year to all of our UCSD OSHA Trainers. I am excited for the upcoming year and our continued partnership in safety training.

The Online Reporting Tool is operating smoothly and OSHA cards are processed in a timely and efficient manner on a daily basis.

Since the complete conversion of our card processing system to the online version in June 2013, our department processed over 18,000 cards and has approximately 1,600 trainers actively using our new system. Thank you for your continued confidence in our programs and Outreach Training.

What’s next? Goals for the year include:

- sending out a survey to our trainers to establish what is working and what our trainers would like to see implemented within our department to enhance training for all classes
- UCSD is interested in hosting trainer forums to discuss and brainstorm new ideas to strategically set us apart from all other trainers and OTIEC’s

Please stay tuned for further information.

Also, a quick reminder that all outreach questions are now handled by our two staff members Sonja and Alisha. Their roles in the office are strictly dedicated to outreach alone.

Please remember to email all questions regarding outreach to oti-outreach@ucsd.edu and all phone calls to 858-534-9283.

Thank you and have a great 2014!

-Stephanie MacGilfrey
The UCSD OTIEC is part of UC San Diego Extension, which has served as a premier source of lifelong learning for adults seeking professional and personal growth for nearly five decades. Currently, Extension educates over 22,000 professionals annually in more than 4,600 courses and over 80 certificate programs including the multi-track Professional Certificate in Occupational Safety and Health.

The UCSD OTIEC has consistently provided quality, innovative and cutting edge occupational safety and health construction and general industry standards based education and training since 1992 when it was chosen as one of the original four OSHA Training Institute Education Centers. In addition to the U.S. Department of Labor OTIEC courses, Extension has a long history of providing courses in safety and health management and training, hazardous waste management and emergency preparedness.

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**Trainer Resources**

Below is a collection of tools we think you will find very useful. Every month in this space we will be highlighting select resources to help you, our Trainers.

- **YouTube Downloader** – This program offers users the ability to download YouTube videos and save them as MP4 files. For PC’s and Mac’s. There is also a premium version with enhanced functionality. Follow this link: [http://youtubedownloader.com/](http://youtubedownloader.com/)

- **RealPlayer** – Another downloader for videos. This one also offers the option to trim parts of a video from the complete product. The downloads may be stored in the cloud. Also available with a premium version. In my experience it works better with PC’s. Follow this link: [http://www.real.com/](http://www.real.com/)

- **Drive to Survive** – a site that offers many resources for those of us who teach drivers how to operate their vehicles (autos and trucks) safely. Follow this link: [http://www.drivetosurvive.org/](http://www.drivetosurvive.org/)

- **EHS Freeware** – Many options for free safety, health and environmental training materials and advice. See this website: [http://www.ehsfreeware.com/index.htm](http://www.ehsfreeware.com/index.htm)

- **Miller Fall Protection** – Everything you may want to know about Miller Fall Protection Products. The site includes downloadable videos and links to Miller on YouTube. Follow this link: [https://www.millerfallprotection.com/](https://www.millerfallprotection.com/)

Looking for the full list? They’ve moved! Please click here for a PDF with all the current resources listed.

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