



# Safety Insider

September 2007

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### **September Meeting Announcement:**

#### **“Energy Control- LOCKOUT - TAGOUT”**

*Presented by David Krack  
Occupational Health Performance*

September's presentation is regarding Energy Control - LOCKOUT – TAGOUT. OSHA regulatory requirements will be reviewed, including recent regulatory changes. The use of locks and tags, procedures for the annual review of procedures, group lockout, shift change and training practices will be discussed. David will present a method to create equipment specific Lockout Tagout Procedures by utilizing database software packages.

Mr. David Krack is the founder and principal of Occupational Health Performance, Inc. (OHP), which is a consultancy in health and safety management. He has extensive experience in heavily-regulated and high-hazard industries and has been at the forefront of regulatory compliance initiatives. Mr. Krack's solo practice includes IIPP program development, implementation and audit, industrial hygiene and IAQ investigations, and much more. He also lectures in Occupational Health & Safety Engineering at San Jose State University and has done so since 2000.

Before the start-up of OHP in 2002, Mr. Krack was the Manager of Safety and Industrial Hygiene at New United Motor Mfg., Inc., the GM-Toyota Joint Venture automobile assembly plant located in Fremont, California, and was responsible for managing the occupational health, safety and medical function since the very start-up of the company in 1984..

David is certified in both industrial hygiene and safety and holds a masters degree in Occupational Health from California State University, Northridge and a bachelor's degree in Environmental Health from San Diego State University.

#### **Meeting Time and Location:**

**Wednesday September 19<sup>th</sup>, 11:30 am – 1:00 pm**

Meetings are held at Arthur's Restaurant, 2875 Lakeview Dr, Santa Clara. From US 101 take the Bowers Ave /Great America Parkway Exit and head south on Bowers. Turn right on Augustine Dr. (approx. one block from freeway) and then take another right on Lakeview Dr.

Registration begins at 11:30 and the Presentation will run from noon to 1:00 pm, with an opportunity for networking in between.

Lunch is a Buffet featuring a variety of choices, including vegetarian options.

Cost is \$20.00 for members with reservation and \$25 for non-members. Walk-ins are charged a \$5.00 handling charge.

Make your reservation now via email to: [baesgresv@comcast.net](mailto:baesgresv@comcast.net)

# News and Updates

## California Workplace Fatalities Down in 2006

Cal-OSHA Reporter, Flash Report!

Preliminary data from the Census of Fatal Occupational Injuries (CFOI) shows a 4 percent decrease in workplace fatalities in the Golden State last year.

California suffered 448 worker deaths last year, compared to 465 in 2005, according to the U.S. Bureau of Labor Statistics (BLS) and California's Division of Labor Statistics and Research. However, the 2006 figure is preliminary; BLS revised upward its 2005 California count, from 453.

Transportation incidents accounted for the largest number of California fatalities in 2006, at 167, up slightly from 2005, followed by falls, which were up sharply, at 87, versus 59 in 2005. Contact with objects and equipment was the third leading cause of death, at 72, down from 76 in 2005. The fourth-highest fatality source, assaults and violent acts, was down 30 percent at 61, versus 87 the previous year. Exposure to harmful substances incidents (45) were down from 51 in 2005.

Nationally, there were 5,703 fatal work injuries in 2006, down slightly from a revised total of 5,734 in 2005.

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## Water Agency Cited in Deaths of 2 Divers

By the Associated Press, SACRAMENTO

08-08-07

State investigators on Tuesday cited the Department of Water Resources for safety lapses that appear to have contributed to the deaths of two divers in the California Aqueduct earlier this year.

The California Division of Occupational Safety and Health offered no conclusive reason for the February deaths of divers Tim Crawford, 50, and Martin Alvarado, 44. Nevertheless, it fined the department \$16,120 for violating work force safety regulations. Crawford and Alvarado drowned Feb. 7 while performing a routine search for mussels on the metal trash grates at the Dos Amigos Pumping Plant near Los Banos.

Investigators called decisions by the divers and plant employees possible "contributing factors" in the deaths. They included running a pump during the 30-minute dive, the divers' decision not to use communications gear and the use of an untrained employee to watch over them.

Water Resources Director Lester Snow said the recommended changes would improve the dive program, which has been suspended since the deaths. "Our paramount concern is the safety of our employees," Snow said in a statement.

An independent panel of diving experts also is reviewing the incident. The investigation by Cal-OSHA had findings similar to those made public last month by the California Highway Patrol. Despite the investigations, the specific cause remains unanswered. An evaluation of the divers' gear provided few clues, according to the report. Tests on the tanks and air compressor by the Navy showed no sign of contamination.

However, the department was fined \$750 because its compressor lacked a high temperature or carbon monoxide alarm.

Last month's report by the CHP revealed that rescue efforts were delayed because employees at the plant did not know how to respond and waited about an hour to call 911 after the pair failed to surface. Then, a diver called to the plant had to wait for equipment necessary to make the dive.

<http://www.modbee.com/local/story/37031.html>

## Trees Won't Fix Global Warming

LiveScience, posted 8-08-2007

By Andrea Thompson

The plan to use trees as a way to suck up and store the extra carbon dioxide emitted into Earth's atmosphere to combat global warming isn't such a hot idea, new research indicates.

Scientists at Duke University bathed plots of North Carolina pine trees in extra carbon dioxide every day for 10 years and found that while the trees grew more tissue, only the trees that received the most water and nutrients stored enough carbon dioxide to offset the effects of global warming.

The Department of Energy-funded project, called the Free Air Carbon Enrichment (FACE) experiment, compared four pine forest plots that received daily doses of carbon dioxide 1.5 times current levels of the greenhouse gas in Earth's atmosphere to four matched plots that didn't receive any extra gas.

The treated trees produced about 20 percent more biomass on average, but since water and nutrient availability differed across the plots, averages don't tell the whole story, the researchers noted.

"In some areas, the growth is maybe five to 10 percent more, and in other areas it's 40 percent more," said FACE project director Ram Oren of Duke University. "So in sites that are poor in nutrients and water we see very little response. In sites that are rich in both, we see a large response."

These differences are key since the weather isn't always cooperative with human needs—if a drought takes hold, trees won't be able to do much in the way of carbon storage.

"If water availability decreases at the same time that carbon dioxide increases, then we might not have a net gain in carbon sequestration," Oren said.

Fertilizing forests to spur more carbon dioxide uptake is impractical, Oren added, because of the ramifications to the local environment and water supply.

"In order to actually have an effect on the atmospheric concentration of CO<sub>2</sub>, the results suggest a future need to fertilize vast areas," Oren said. "And the impact on water quality of fertilizing large areas will be intolerable to society. Water is already a scarce resource."

The results of the study, presented yesterday at a national meeting of the Ecological Society of America, also noted that only a few parts of a tree will store carbon for long periods of time.

"Carbon that's in foliage is going to last a lot shorter time than carbon in the wood, because leaves decay quickly," said Duke graduate student and project member Heather McCarthy. "So elevated CO<sub>2</sub> could significantly increase the production of foliage, but this would lead to only a very small increase in ecosystem carbon storage."

[http://www.livescience.com/environment/070808\\_tree\\_banks.html](http://www.livescience.com/environment/070808_tree_banks.html)

For more information, see the Wilmington Star-News: <http://www.wilmingtonstar.com/article/20070808/APN/708080844>

## New Plea for Quiet in Class, teacher's vocal cords can take a beating

August 7, 2007; Chicago Tribune

Johnathon E. Briggs, Tribune staff reporter Tribune staff reporter Mary Owen contributed to this report

It's a common occurrence for teachers like Margaret Pinaglia. They start the week with rich, hearty voices that only grow hoarser until, by Friday, they can barely whisper. Doctors have a name for it -- teacher vocal abuse.

"You do a lot of talking and you do it at a loud level," said Pinaglia, who teaches boisterous 4th and 5th graders at Reavis Elementary School in Kenwood. "The kids can get loud. Sometimes you want to talk over them."

Teaching is a high-risk occupation for voice disorders. Yet unlike singers and actors, who also give their vocal cords strenuous workouts, teachers are less likely to properly care for and protect their voices, experts say.

To help teachers save their voices, the Chicago Institute for Voice at the University of Illinois at Chicago is holding its first Midwest Voice Conference on Aug. 17. Under the theme "A Focus on the Classroom," teachers will learn how the voice works and how to protect it as they head to back to school after summer hiatus.

For starters, don't drink too much caffeine. It dries up the vocal cords. And don't yell at the kids too much. It strains the voice.

Constant stress on the vocal cords can cause permanent damage and produce wartlike growths called nodules, which sometimes require surgical removal. That chronic croaky voice isn't always soothed by lemon and honey.

"A lot of people don't look at it, but the number of times that they call in sick, the number of days that they're unable to effectively communicate, really does create a detriment to education," says Dr. Steven Sims, voice institute director and assistant professor of otolaryngology at UIC.

Teachers are vocal athletes who are often required to speak loudly in noisy classrooms or one on one with pupils for hours without much time to rest. On any given day, they might battle the cacophony of hallways, go head to head with the din of car traffic from nearby streets or shift within a split second from talking to shouting in a classroom.

Strain on the vocal cords is worse for some teachers than others. Bilingual teachers repeat instructions over and over -- first in English, then in Spanish. Coaches have periods of motivational yelling. And music instructors often perform a series of do-re-mi warm-ups.

Classroom environments aren't larynx-friendly either. Chalk dust. Dusty ventilation systems. Low humidity. Coughs and colds of pupils. Irritating fumes in the chemistry and shop classes. All of it takes a toll.

At least 18 percent of the nation's roughly 3.5 million elementary and high school teachers will miss at least one day of work a year because of their voice, according to University of Utah language pathology professor Nelson Roy. That represents about \$2.5 billion in annual losses to the educational system, said Roy, a national expert on teacher vocal abuse.

In the largest investigation of its kind, a 2004 study on the prevalence of voice disorders in teachers conducted by Roy and colleagues found that 11 percent reported having a current voice problem compared with 6 percent of the general population.

For more information, and to see this complete article:

<http://www.chicagotribune.com/services/newspaper/premium/printedition/Tuesday/chi-teachersvoice07aug07.0.7779233.story>

## **Bipartisan Climate Change Proposal Introduced in Senate**

Senators Joseph I. Lieberman (ID-CT) and John W. Warner (R-VA) unveiled a detailed proposal for the climate bill that they will introduce this fall, America's Climate Security Act. Lieberman and Warner, who are the chairman and ranking member, respectively, of the Senate Subcommittee on Private Sector and Consumer Solutions to Global Warming and Wildlife Protection, requested comment on the 15-page document from Senate colleagues and all interested stakeholders. They reiterated their plan to introduce a bill based on their proposal, and to bring that bill to a vote in their subcommittee after the August recess.

The document released last week spells out a mandatory, market-based cap-and-trade program that would cover 80 percent of US greenhouse gas emissions and that would reduce those emissions to current levels by 2012, to 10 percent below current levels by 2020, and to 70 percent below current levels by 2050. The document describes a robust set of measures to sustain US economic growth, protect American jobs, and ensure international participation in emissions reductions.

On June 27, Lieberman and Warner announced that they had begun drawing upon existing proposals and new ideas to draft a comprehensive bill to address global climate change

## **Duncan Back at the Helm of Industrial Relations**

Integrated Waste Management Board; July 2, 2007 Release 37

John Duncan, who served as director of the California Department of Industrial Relations (DIR) in the late 1990s, has been renamed to that post by Gov. Schwarzenegger. He takes over for Acting Director John Rea.

The position gives him a non-officio position on State Compensation Insurance Fund's board of directors at an agency that also oversees key workers' comp functions in the state, including the Division of Workers' Compensation and the Workers' Compensation Appeals Board.

After leaving DIR in 1999, Duncan was named president and CEO of Magnitude, a software company specializing in workplace injury prevention programs. More recently, he operated his own consulting company where he designed communications strategies for clients on labor issues.

The DIR director oversees the Cal/OSHA program, the Division of Workers' Compensation and Workers' Compensation Appeals Board, the Industrial Welfare Commission and the Division of Labor Standards Enforcement.

Duncan, 49, also has a defense background, having served in the 1980s as deputy assistant secretary of defense for International Security Affairs, assistant to the Secretary of Defense and a special assistant to former Secretary of Defense Caspar Weinberger.

He earned a bachelors degree in history from U.C. Berkeley and a masters degree in public administration from Harvard University's John F. Kennedy School of Government.

Duncan rejoins a Department of Industrial Relations that is no longer a cabinet-level agency. In 2002, it became part of the new Labor and Workforce Development Agency (LWDA). One of his colleagues at DIR, former Labor Commissioner Victoria Bradshaw, is now LWDA Secretary. Duncan was chief deputy at the agency when Bradshaw was finishing up her term as commissioner in 1995. He was named acting director in 1997 and confirmed to the post in 1998.

Duncan, a Republican, now must be confirmed by the state Senate for his latest stint at the \$142,965 post.

Rea is reportedly being considered for a senior legal position within LWDA, but agency spokeswoman Rachel Cameron said there is no announcement on such an appointment yet. [www.cal-osha.com](http://www.cal-osha.com)

## **After Disaster Strikes: Lessons Learned from the Gulf Coast**

Occupational Hazards; August 1, 2007

By Katherine Torres

As Hurricane Katrina approached the Gulf Coast region on Aug. 29, 2005, residents and business owners braced themselves, not realizing they were facing what would become the most destructive natural disaster in U.S. history. After the storm, safety professionals hunkered down for rescue, recovery and rebuilding efforts that taught them lessons they would never forget.

When referring to the lessons learned after Hurricane Katrina, many have compared the response efforts and the disaster itself to the events of Sept. 11, 2001. The scope of both disasters caught the nation by surprise: airplanes crashing into the twin towers, causing them to disintegrate, and a hurricane creating a path of destruction along the Gulf coast and contributing to the drowning of an American city seemed inconceivable until they occurred.

On Aug. 29, 2005, Hurricane Katrina made landfall with 140 mph winds and a 30-plus foot storm surge, decimating the Gulf coast and ravaging parts of Louisiana, Mississippi, Alabama and the Florida Panhandle. Weeks later, Hurricane Rita ripped through what was left of the region. In total, almost 2,000 people died, thousands more were injured and hundreds of thousands of homes and buildings were destroyed. Financial losses hovered around the \$100 billion mark. And that was only the beginning.

The hurricane left a path of destruction that needed to be cleared out and cleaned up. Just as with 9/11, workers from all over the country flocked to New Orleans, Gulf Port, Miss., and the rest of the Gulf Coast region to perform rescue, recovery and cleanup operations. And like those workers in New York following 9/11, their work was fraught with hazards lurking at every corner.

For those responding to the tragedy, protecting themselves while helping others became a paramount, albeit difficult, task. There was a laundry list of dangers: heat stress; noise; dust; asbestos; carbon monoxide; chemicals; mold; waterborne, foodborne and bloodborne diseases; dangerous animals such as snakes and alligators; downed electrical power lines; confined spaces and more.

Despite the hazards, teams of safety trainers, industrial hygienists and others rushed to the Gulf Coast to offer their services. The consensus among all safety professionals – whether they were contracted by a government agency or a private company – is that the experience impacted them professionally and personally. Presented with challenges they ordinarily did not have to deal with, safety professionals say they came back with a newfound perspective on safety and are applying the lessons learned during Gulf coast recovery to their current day-to-day safety programs and practices.

### **Don't Underestimate Emergency Preparedness**

After the storm, many companies – especially refineries – were anxious to get their facilities in the region back online and running. However, many did so without considering the potential safety risks for their workers, says Mike Wright, director of health and safety and environment for the United Steelworkers (USW), which represents workers in the petrochemical industry as well as steelworkers.

Wright says the main lessons he learned while implementing safety and health measures in New Orleans was that companies were not as prepared as they should have been when it came to having a proper recovery plan in place. As a result, workers often were put in jeopardy trying to get businesses operational.

“Nobody quite anticipated the scale of the disaster, but in retrospect, they should have,” states Wright.

In response to the disaster and its aftermath, Wright and the union provided assistance and training for workers. Today, the USW continues to teach a course on disaster recovery and preparedness so union members know what to do if a natural disaster or any other type of extreme event takes place in their area.

“Emergency preparation and planning and training applies no matter what,” emphasizes Debbie Brown, who was an EHS manager for a major capital project for Chevron at the time of the hurricanes. “If you have a written plan, if you do training, if you have centralized control and coordination, you are really ahead of the game.”

Brown says that if not for the previous disaster preparedness training she received as part of a Chevron specialty team that conducts annual drills to prepare for potential oil or chemical spills, things would have turned out very differently for the company's largest American refinery. That refinery, located in Pascagoula, Miss., took a direct hit from Katrina.

The refinery employs 1,200 people and it was reported that up to 300 refinery employees lost their homes in the hurricane. Many, if not most, of the refinery workers didn't come to work after the storm because they were dealing with their own personal losses. Consequently, the company called for reinforcements and Brown arrived on Sept. 4 to assist.

Although many of the refinery workers trickled back into work in the weeks following the disaster, work – much less safety – was not on their minds. As a result, Brown learned that in addition to wearing her technical hat, she needed to resort to her people skills to help refinery workers who lost their homes cope with their personal devastation. Safety meant much more than just avoiding injury in the wake of Katrina.

### **The Value of People Skills**

“As industrial hygienists, we have many technical competencies we work to perfect. But in an emergency response, you should be able step back and look at big picture,” Brown explains. “Many of these people were worried about the whereabouts of their cousins, aunts, losing their house, insurance claims – you name it.”

In addition, another big challenge Brown faced while in the Gulf Coast was meeting certain priorities she normally didn't have as an industrial hygienist. Had she gone there to use only her technical knowledge, she would have spent her time taking samples and clearing the area for monitoring purposes, she explains. But because of the nature of the situation,

Brown found herself doing things that “weren’t business as usual,” such as building a camp for displaced and homeless workers, and referring employees to the refinery’s counseling services if they were having an especially trying and emotional day.

Brown commends Chevron leadership for making their workers’ well-being top priority. If the company had forced workers to work 12 hours days and expected them to make the refinery their priority while their personal lives were crumbling, the workers would not have been as committed to recovery efforts, Brown asserts.

In addition, the refinery made sure every Chevron worker was accounted for. To help account for employees affected by Hurricane Katrina, Chevron established a corporate toll-free line, used radio and Web communications and placed advertisements in newspapers across the Gulf Coast urging employees to contact the company. Employees in Pascagoula went door-to-door in search of coworkers who were missing.

Brown says she never will forget the day one particular announcement was made on the company radio: “I remember when they said the last person was accounted for and that everyone was alive and well,” she says. “There was a huge cheer.”

### **Always Call For Back Up**

Other safety professionals also had to deal with less-than-ideal circumstances. Take Carter Ficklen, program manager for Mainthia Technologies, a contractor that supported government agencies during the recovery. Industrial hygienists from the two facilities he was called to assist had evacuated or were unable to work due to storm-damaged homes.

Ficklen was the only industrial hygienist on site, trying to manage all health and safety operations and feeling overwhelmed. While he was there, he helped triage the buildings for asbestos damage, chemical management issues, water intrusion and mold-typical post-storm issues.

Ficklen says his experience reinforces the importance of having a back-up plan that doesn’t involve participation from local people. “The take-home lesson for me was that if you as a company or organization have something of the magnitude of Hurricane Katrina hit the area, the resources that you think you have on your emergency response teams or recovery teams or business continuity teams will probably not be there,” he says. “You gotta have people from the outside lend support to the facility and help get it going again.”

While health and hygiene problems resulting from sheltering thousands of evacuees during and after the storm received a lot of attention from the national media, Ficklen says he and his team – comprised of a doctor, a sanitation worker and a person in charge of safety management – tried to weed out and prioritize the real threats to their workers. Topping the list were infections from injuries caused by nails in the two-by-fours that were everywhere around workers’ homes, exposure to flood waters and foodborne illnesses.

Like Brown, Ficklen was dumbfounded by the magnitude of the devastation and also listened to workers talk of “seeing family members and friends floating down the river” and losing their homes. But his most important take-away lesson was a better understanding of how to provide help to facilities when staff industrial hygienists were are out of commission.

“After Katrina, I learned not to ask why something wasn’t being done, but instead ask, ‘What do you need? What can I do?’” he says.

### **Using Every Skill Imaginable**

While helping out in the Gulf Coast, the skills of safety professionals were put to the ultimate test.

Bob Readie, who was an EPA contractor and safety manager during the Katrina aftermath, was commissioned by the agency to help safety officers from various safety teams collect household hazardous waste and industrial waste material. Although he remembers being taken aback from the number and nature of the hazards, from heat stress to dangerous animals such as snakes and alligators, he says that as a safety professional, the learning experience was a positive one.

One thing that stuck out in Readie’s mind was the number of inexperienced people who were thrown into a disaster recovery situation for the first time. Readie and the other members of his safety team used all of their skill sets to provide training and basic safety knowledge to eager but inexperienced workers. The average number of years of experience among the safety corp was 15 years, so Readie says even he learned a thing or two while he was there.

“This was the one time I got to use my entire skill set in one event,” he states. “It was a phenomenal learning experience, both for the seasoned professionals that were there as well as for the younger personnel.”

### **Workers Needed More Protection**

Although some inexperienced workers benefited from working alongside seasoned professionals such as Readie, not everyone was as lucky. Near-daily reports of workers, many of whom were immigrants – possibly undocumented and with little recourse – having to contend with chemical, oil and sewage contaminated waters with little or no safety equipment, were not uncommon. As a result, more than 100 organizations sent a letter to Congress on Oct. 6, 2005, urging immediate occupational safety protections for all Gulf Coast workers, as well as enforcement of OSHA and EPA regulations.

Likewise, a report issued by the National Institute of Environmental Health Sciences (NIEHS) Worker Education and Training Program (WETP) – based on a national technical workshop examining the first 6 months of the Katrina response – found that the failure of the government’s newly reactivated National Response Plan’s worker protection provisions continually placed Katrina responders in harm’s way.

“Efforts to include the lessons learned for protecting workers during the World Trade Center cleanup into the new NRP failed,” the report said. “Each government agency that responds – not just OSHA – has some role to play in assuring the safety and health of their own responders. Very few agencies fully integrated the worker safety and health lessons learned during prior disasters into the Katrina response.”

Throughout the response and recovery process, OSHA adamantly has defended its stance in offering technical assistance, not enforcement, calling technical assistance “the first line of defense in large-scale emergencies.”

On Oct. 5, 2006, OSHA issued a statement explaining that it intervened in nearly 5,000 situations where some 10,500 workers could have been seriously injured. Former Acting OSHA Administrator Jonathan Snare noted at the time that more than 100 OSHA workers “were fanned out across Louisiana, Mississippi, Alabama and Texas to help protect workers involved in cleanup and recovery operations.”

### **Need for Training Was Urgent**

Immediately recognizing that there was an urgent need for training, NIEHS awarded funding to several organizations. One of those grants went to the Hazardous Materials Training and Research Institute (HMTRI) for deploying a Katrina response training team lead by Dan Snyder, a certified safety professional with the safety consulting group Performance Based Safety LLC. Snyder and his team of trainers traveled to Mississippi and New Orleans and implemented an “all-hazards approach” to training.

As soon as Snyder and his team arrived in Mississippi, they identified the first hazard they needed to tackle. “Without knowledge of what else was out there, we knew within 24 hours we could start setting up work zone and flagger training,” says Snyder.

Although Snyder and his team were commissioned to conduct training just for federal employees and federally deployed contractors, Snyder soon realized once he arrived in the Gulf Coast that the need for training was much greater.

“Here are a group of workers down here that showed up, have big hearts, want to do good and are exposed to all sorts of hazards they know nothing about,” Snyder remembers.

For example, Snyder and his team got a call from a crew saying one of their men incurred an injury when a battery exploded while he was hooking it up to a dump truck. Snyder and his team proceeded to conduct a 5-minute tailgate safety briefing on how to properly install a battery and the hazards associated with batteries.

Not surprisingly, Snyder’s team was in such high demand that one of the challenges he faced was keeping up with the new requests of hazard awareness training. “Take this example and times it by 1,000,” he says. “That was our biggest challenge.”

Snyder and his team spent 8 months in Mississippi and 7 months in New Orleans, and was one of the few training teams that had a full-time presence in the region. Other teams would fly in and fly out based on scheduling conflicts or instructor

availability, Snyder says. He credits having people in the disaster area full-time as one of the reasons why his teams so successful and in such high demand.

### **Keep Sessions Short and Sweet**

Snyder says one of the most positive lessons he learned while in the Gulf region was the effectiveness of his brief and frequent safety meetings in getting the attention of workers and raising safety awareness. Training and education out in the field, often about high-impact and pertinent topics, allowed trainers to send a consistent message about safety expectations.

“You have to be able to get right in the mud, blood and guts, so to speak, and be able to do training in an hour’s notice,” Snyder emphasizes. “Because situations arrive in real-time, doing brief and frequent safety training sessions was the only way to get the workers’ attention.”

Snyder also wishes that the teams could have arrived sooner to provide safety support and training, but because of government bureaucracy and paperwork, his team wasn’t deployed until 3 weeks after the event.

“The earlier we can get safety education and safety professionals down [to a disaster site] and the sooner we can get them embedded right after a disaster, the better off everyone is going to be,” insists Snyder.

### **Applying Lessons Learned After the Disaster**

As safety professionals look back and reflect on their Gulf Coast experiences, some have taken the techniques they honed during the disaster and are applying them to their day-to-day occupational safety and health practice and programs.

Snyder, for instance, says that as a result of his experience training workers in the Gulf Coast, he is able to assess a situation and strip it down to see what’s most important. Because he had to train workers who had never worked at a disaster site before in far-less-than-ideal environmental conditions, he says he is better able to prioritize what is important and what is not.

No matter what kind of experience a safety manager, supervisor or trainer had while assisting in the Gulf Coast, Snyder asserts that it’s impossible for any safety professional who has worked in such a devastated environment to walk away professionally and emotionally untouched.

“Overall, anyone worth their weight as a safety professional comes out of that situation as a more humane person, a more understanding person and a better safety professional,” says Snyder.

[http://www.occupationalhazards.com/Issue/Article/70127/After\\_Disaster\\_Strikes\\_Lessons\\_Learned\\_From\\_the\\_Gulf\\_Coast.aspx](http://www.occupationalhazards.com/Issue/Article/70127/After_Disaster_Strikes_Lessons_Learned_From_the_Gulf_Coast.aspx)

## **Pollution Causes 40 Percent of Deaths Worldwide, Study Finds**

August 14, 2007  
Science Daily  
Cornell University

About 40 percent of deaths worldwide are caused by water, air and soil pollution, concludes a Cornell researcher. Such environmental degradation, coupled with the growth in world population, are major causes behind the rapid increase in human diseases, which the World Health Organization has recently reported. Both factors contribute to the malnourishment and disease susceptibility of 3.7 billion people, he says.

David Pimentel, Cornell professor of ecology and agricultural sciences, and a team of Cornell graduate students examined data from more than 120 published papers on the effects of population growth, malnutrition and various kinds of environmental degradation on human diseases. Their report is published in the online version of the journal *Human Ecology* and will be published in the December print issue.

"We have serious environmental resource problems of water, land and energy, and these are now coming to bear on food production, malnutrition and the incidence of diseases," said Pimentel.

Of the world population of about 6.5 billion, 57 percent is malnourished, compared with 20 percent of a world population of 2.5 billion in 1950, said Pimentel. Malnutrition is not only the direct cause of 6 million children's deaths each year but also makes millions of people much more susceptible to such killers as acute respiratory infections, malaria and a host of other life-threatening diseases, according to the research.

Among the study's other main points:

- Nearly half the world's people are crowded into urban areas, often without adequate sanitation, and are exposed to epidemics of such diseases as measles and flu.
- With 1.2 billion people lacking clean water, waterborne infections account for 80 percent of all infectious diseases. Increased water pollution creates breeding grounds for malaria-carrying mosquitoes, killing 1.2 million to 2.7 million people a year, and air pollution kills about 3 million people a year. Unsanitary living conditions account for more than 5 million deaths each year, of which more than half are children.
- Air pollution from smoke and various chemicals kills 3 million people a year. In the United States alone about 3 million tons of toxic chemicals are released into the environment -- contributing to cancer, birth defects, immune system defects and many other serious health problems.
- Soil is contaminated by many chemicals and pathogens, which are passed on to humans through direct contact or via food and water. Increased soil erosion worldwide not only results in more soil being blown but spreading of disease microbes and various toxins.

At the same time, more microbes are becoming increasingly drug-resistant. And global warming, together with changes in biological diversity, influence parasite evolution and the ability of exotic species to invade new areas. As a result, such diseases as tuberculosis and influenza are re-emerging as major threats, while new threats -- including West Nile virus and Lyme disease -- have developed.

"A growing number of people lack basic needs, like pure water and ample food. They become more susceptible to diseases driven by malnourishment, and air, water and soil pollutants," Pimentel concludes. He and his co-authors call for comprehensive and fair population policies and more conservation of environmental resources that support human life.

"Relying on increasing diseases and malnutrition to limit human numbers in the world diminishes the quality of life for all humans and is a high-risk policy," the researchers conclude.

Note: This story has been adapted from a news release issued by Cornell University.

<http://www.sciencedaily.com/releases/2007/08/070813162438.htm>

## Scientists suffer Pipette Injuries

Cambridge Evening News; August 15, 2007

SCIENTISTS at Cambridge University are suffering from repetitive strain injury caused by lab pipettes, a report shows.

The hazard for researchers was exposed in the annual report of the university's Health and Safety Executive, prompting new guidelines to prevent upper limb disorders.

It said pipettes, used to suck up liquids to transfer or measure, are alongside computers as the main cause of work-related musculo-skeletal disorders in the university.

The Cambridge University Reporter, which published the findings, said another main cause of referrals to the university's Occupational Health Service was work-related mental ill-health.

The report said delays in identifying problems and getting staff help had "contributed significantly" to the difficulties of several of them. Departments were left under-staffed because of long-term sick leave, and the university could face law suits.

It said: "Suitable re-deployment to posts in other departments when individuals are fit to return to work may also be recommended on medical grounds, but long delays may occur in achieving this, if it happens at all.

"In the absence of a clear capability procedure and effective redeployment policy the lengthy timescales taken to obtain resolution can further compromise a person's health and leave the department with a non-operative post.

"We consider these factors can impact on the reputation of the university as well as giving additional cause for an aggrieved individual to seek legal redress."

In the last three-and-a-half years 35 employees have been sent for a psychological assessment, and about half were found to have mental health problems directly related to work.

Of those, 40 per cent stayed in work, a small number were re-deployed within the university, a third left or retired and 12 per cent took ill-health retirement.

The psychological referrals had a "very high" success rate.

A university spokeswoman said a new "stress policy" had been introduced to help managers spot problems. "The health and well-being of our staff is of the utmost concern. The proportion of staff who experience work-related disorders is similar to that in like-sized organisations in both the public and private sectors."

<http://www.cambridge-news.co.uk/news/city/2007/08/15/33ae7c46-d009-46b8-aef9-dd558578b716.lpf>

## Upcoming Events

If you'd like to see your events advertised in this space, and on our website, email your announcement to: Rebecca Anderson, [baesgnews@gmail.com](mailto:baesgnews@gmail.com)

### Bay Area Environmental Safety Group

Professional Development Conference, October 17<sup>th</sup>. See [www.baesg.org](http://www.baesg.org) for details!  
EARLY BIRD registration period, NOW- September 19<sup>th</sup> !!

### American Industrial Hygiene Association

Local Chapter Dinner Meeting, Sept 11<sup>th</sup>. "LEEDing the Way, From Las Vegas to the Bay Area" Francesco's, Oakland; visit <http://www.aiha-ncs.org/> for more details  
Save the Date: CIHC Conference in San Francisco December 3-5. <http://www.aiha-ncs.org/cde.cfm?event=174791>

### Bay Area Rebrac

All courses at Mission College in Santa Clara; for more information visit: <http://www.bayrebrac.org> \  
CA Underground Storage Tank Designated Operator Exam Prep Workshop, August 9<sup>th</sup>, 8am-3pm

### UC Santa Cruz Extension

All courses will be held in Cupertino, California; for more detailed information visit: <http://www.ucsc-extension.edu>

### CPA 2007 East (Contingency Planning)

Nov 13-15 Gaylord Palms Resort, Orlando, Florida  
<http://www.contingencyplanning.com/events/East/index.aspx>

### West Coast Green

Residential Building Conference & Expo  
September 20-22; San Francisco, CA  
<http://www.westcoastgreen.com/>

### WASTECON 2007

Reno-Sparks Convention Center  
Reno, Nevada October 16-18, 2007  
<http://wastecon.swana.org/>

### Workshop Week at San Diego OSHA Training Institute

September 17-21<sup>st</sup>  
University of CA, San Diego  
<http://osha.ucsd.edu/wwweek.htm>  
(858) 964-1054

### Nanotechnology and Occupational Health and Safety

#### The National Science Foundation's Center for Nanotechnology in Society

November 15-17<sup>th</sup>  
Santa Barbara, CA  
<http://www.cns.ucsb.edu/nanoconference>

### National Ergonomics Conference & Exposition

November 27-30<sup>th</sup>  
Las Vegas, Nevada  
<http://www.ergoexpo.com>

# Job and Career Opportunities

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\*The following positions were collected from a variety of internet job listings and/or postings received directly by the BAESG Jobs Coordinator. BAESG has not verified the informational content of all of these ads. \*

Want to receive Job updates in your inbox? Email the BAESG [Jobs Coordinator](#) and join the distribution list!

Want to see your job posting here and sent to the Jobs distribution list? Email the BAESG [Jobs Coordinator](#)

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## **EHS Engineer at OptiSolar, Inc.**

Primary Duties/Physical Requirements (if applicable):

1. Responsible for implanting all EH&S training and the requirements of the Job Hazard Analysis (JHA)
2. Conducting routine inspections of the facilities
3. Manage Emergency Response Team activities
4. Support the implementation of EH&S programs and policies including lock out Tag Out, Respiratory Protection Program and etc.
5. Background in the semiconductor industry is a plus

Experience:

3-5 years EH&S experience in the manufacturing industry

Education:

A four year degree in the Environmental Science or equivalent

Contact:

Parvin Yousefi  
EH&S Manager  
OptiSolar, Inc.  
31302 Huntwood Avenue  
Hayward, CA 94544  
Tel: (510) 401-5124  
Fax: (510) 401-5859

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## **Industrial Hygiene Project Manager**

IHI Environmental in Emeryville, California, has an immediate opening for an experienced Industrial Hygiene Project Manager.

**Job Description:** This position requires a full range of project management experience that includes industrial hygiene sampling, indoor air quality investigations, safety and health program development, environmental training, asbestos and lead paint surveys, and abatement monitoring.

**Qualifications:** Candidates will have a Bachelors degree and a minimum of five years environmental or engineering experience, or a Masters degree and three years experience. Certification as a DOSH Asbestos Consultant (CAC) is required. Cal-DHS certification in Lead-Related Construction (Inspector/Assessor) is also highly desirable. The required skills for this position include the ability to conduct full-scope project management, prepare technical and cost proposals, supervise field staff, maintain and develop client relations, and communicate effectively.

**Background:** IHI Environmental is an employee-owned industrial hygiene, occupational safety, and environmental consulting firm with over 27 years of experience. IHI Environmental is an equal opportunity employer that offers a flexible small business setting with a large company reputation and benefits package that includes:

- Three weeks paid vacation 10 paid holidays
- Medical insurance with low cost-share Employee & family EAP program
- Life & disability insurance fully paid Paid sick leave
- Maternity/paternity leave. 401(K) plan
- Pension and ESOP plans Bonuses as profitability allows

Please forward a cover letter, resume, and salary history to:

Paul Robbins

[robbins@ihi-env.com](mailto:robbins@ihi-env.com)

IHI Environmental  
1260 45th Street  
Emeryville, CA 94608-2907  
For more information, please visit: [www.ihl-env.com](http://www.ihl-env.com)

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## **Job Title: EH&S Specialist**

### **Job Description:**

The successful candidate will work on multiple projects and take a lead role in the implementation of EH&S programs and procedures. Candidate must work with a high degree of independence and is adept at troubleshooting problems to create and execute internal procedures to ensure compliance. Key functions will include assisting with EH&S program implementation throughout the organization. The EH&S specialist must be able to adapt to new and multiple projects, effectively ensuring alignment with customer needs, expectations, and compliance with all regulatory requirements.

### **Responsibilities:**

Is responsible for hazardous, biohazardous, and universal waste management, collection, disposal and recordkeeping.

Monitors and interacts with vendors and contractors for specific assigned programs to ensure quality service. Participates in the administration and implementation of chemical, radiation, biological, IIPP, ergo, respiratory protection and lab equipment decontamination programs.

Develops guidelines related to specific EH&S topics for employee education. May coordinate and deliver employee hands-on training for specific assigned EH&S programs.

Maintains and updates both hard copy and electronic safety training records.

Assists in the administration of the radiation safety program, including package check-in, dosimetry, instrument calibration and periodic surveys.

Conducts periodic inspections to ensure compliance with company policies as well as local, state and federal regulations such as County Hazmat, Fire Department, Cal/OSHA, and EPA. Prepares accurate and timely inspection documentation, and reviews and assesses corrective actions to ensure adequacy.

Participates as an active member of the Safety Committee.

Participates in the development and implementation of department policies and SOPs.

### **Required Skills/Experience:**

BS in environmental or related field a plus.

Minimum 4 years EH&S experience.

Current certification in Title 22, California Hazardous Waste training.

Working knowledge in local, state, and federal regulations including those related to hazardous materials and waste, biological wastes, and radioactive materials and wastes.

Must be able to interpret environmental regulations and have previous experience in the planning, design, and delivery of appropriate training to all levels of technical and non-technical staff.

HAZWOPER - First Responder Operations or Industry Technician certification a plus.

DOT/IATA training a plus.

Ability to interpret guidelines and regulations applicable to Medarex.

Must have excellent oral and written communication skills.

Must be team oriented with excellent interpersonal skills.

Self-starter with good organizational skills.

Must be able to handle multiple assignments and meet strict deadlines.

### **About Medarex:**

Medarex is a biopharmaceutical company focused on the discovery, development, and potential commercialization of fully human antibody-based therapeutics to treat life-threatening and debilitating diseases, including cancer, inflammation, autoimmune and infectious diseases. Medarex applies its UltiMAb® technology and product development and clinical manufacturing experience to generate, support and potentially commercialize a broad range of fully human antibody products for itself and its partners. Medarex is committed to building value by developing a diverse pipeline of antibody products to address the world's unmet healthcare needs. To apply to the above position, please visit our website at: [www.medarex.com](http://www.medarex.com).

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## **Occupational Health Consultant, Levi Strauss & Co.**

Location: San Francisco, CA

REQ 700460

In over 100 countries throughout the world, Levi Strauss & Co.'s brands have become legendary for fitting into people's lives in a most comfortable way. How would working at Levi Strauss & Co. fit into your life? Is a commitment to excellence your style? Does being on a team of high achievers who constantly strive to innovate feel right to you? If so, get in touch with us today about this excellent opportunity.

You will provide strategic leadership in quality assurance of medical care practices, including worksite health care or health education to employees. Engaging internal and external partners, you will meet the occupational and non-occupational healthcare needs of the assigned client groups (US and global), with particular focus in communicable disease management. In addition, we'll rely on you to facilitate compliance with applicable state & federal laws to protect the assets and earning capacity of the company. Among your day-to-day responsibilities, you will manage the Nursing Quality Assurance process by conducting audits to assess compliance with company nursing standards, policies & practices. You will perform random chart audits through the electronic medical records system, & assess nursing performance in case management by random observation. In addition, you will facilitate and collaborate on performance improvement plans when required, and manage key vendor relationships. Using your consulting skills, you will provide health promotion consulting expertise to U.S. locations regarding disease management processes and collaborative opportunities with entities such as public health departments and disease organizations. Through data analysis, benchmarking and research, you will facilitate appropriate local health promotion strategies and maintain proactive knowledge of innovative healthcare solutions. You will also consult with U.S. locations regarding medical leave policies, return-to-work programs and medical emergency response teams. We'll look to you to analyze emerging regulatory changes impacting occupational health, nursing, OSHA and Workers' Compensation reporting & recordkeeping.

To qualify, you'll need a Bachelor's degree in Nursing, an RN license, and Certified Occupational Health Nurse (COHN) designation. A Master's degree in a health related field is desired. The right candidate will have 8+ years of related experience demonstrating the ability to understand facility operations and problem solve health & nursing issues by taking initiative and collaborating with facility stakeholders. Experience must also include consulting with client groups regarding corporate nursing standards. The ability to influence others and balance competing priorities is essential.

Levi Strauss & Co. is one of the world's largest brand-name apparel marketers. There is no other company with a comparable global presence in the jeans and casual pants markets. Our market-leading apparel products are sold under the Levi's®, Dockers® and Levi Strauss Signature® brands. As an employer, we recognize and reward individualism and offer outstanding compensation and benefit programs. Find out more about us at [www.levistrauss.com](http://www.levistrauss.com).

For immediate consideration, please APPLY ONLINE:

[http://levistrauss.taleo.net/servlets/CareerSection?art\\_ip\\_action=FlowDispatcher&flowTypeNo=13&pageSeq=2&reqNo=53400&art\\_servlet\\_language=en&selected\\_language=en&csNo=2#topOfCsPage](http://levistrauss.taleo.net/servlets/CareerSection?art_ip_action=FlowDispatcher&flowTypeNo=13&pageSeq=2&reqNo=53400&art_servlet_language=en&selected_language=en&csNo=2#topOfCsPage)

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## **Biosafety Officer**

Requisition: 006658

Department: Environment, Health & Safety

Location: Main Campus-Berkeley

Salary: Annual Salary Range: \$57,936- \$106,320

Please note: Although full salary range is listed, most offers will not exceed midpoint of the range (\$82,128).

## Highly Competitive Benefits Package

First Review Date: 06/28/2007

### Job Description:

The Office of Environment, Health & Safety's mission is to provide guidance and services to the campus community that promote health, safety, and environmental stewardship.

The Campus Biosafety Officer manages the Campus Biosafety Program, serving as the campus expert for the safe handling of highly regulated biohazards and potentially biohazardous material and applying special expertise to provide guidance to faculty and other researchers to assure compliance and safe use of these materials.

### Responsibilities:

Understand and support the EH&S mission and vision. Contribute to a successful team oriented work environment ensuring interdependence and cooperation, constructive and positive communications, and mutual support. Promote and exemplify campus, divisional, and departmental high standards for excellent client service, effective use of resources, workplace safety, professional development, personal accountability, and continuous improvement.

#### I. Campus Biosafety Officer

- Serve as primary contact for and represent the UC Berkeley Biosafety Program to federal and state agencies regulating the use of biohazards on campus.
- Assess all research protocols that involve biohazards and potentially biohazardous materials.
- Serve as mandatory member of the faculty oversight Committee for Laboratory and Environmental Biosafety, providing the Committee technical support and expertise on related issues.
- Provide design requirements, operation requirements, and management recommendations for all facilities that use biohazards; providing project design guidance to Capital Projects, Academic Facilities Office and other construction groups working on biohazard laboratories.
- Maintain current knowledge of laws regulating the use, transport, and storage of biohazards and potentially biohazardous materials.
- Develop and deliver relevant training for faculty and staff.
- Develop written materials for faculty and staff to reflect current state-of-the-art biosafety practices, and campus policy for the safe use, transport, and storage of biohazards and potentially biohazardous materials.
- Coordinate and perform annual laboratory biosafety inspections and investigate laboratory accidents involving biohazards and potentially biohazardous materials
- Develop emergency plans for handling accidental spills and personnel contamination involving biohazards and provide advice on laboratory security.
- Participate in the UC Systemwide Biosafety Officers workgroup.

#### II. Other Duties

- Serve as a campus laboratory safety specialist and advisor to departments with wet laboratories.
- Provide technical expertise to support UC Berkeley's Medical Waste Program.
- Provide backup support to Research Safety Specialist in the area of animal care and use and technical support as needed to the campus Animal Care and Use Committee on research involving the use of biohazards in animals.
- At the request of campus management , must be available in a campus disaster or campus hazardous material release/threatened release, to serve in the appropriate emergency response role based upon expertise and, where applicable, designated departmental role.

For full description and requirements, visit <http://www.ehs.berkeley.edu>

To apply and for more information, click [HERE](#)

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## **Technician, Eh&S, Sr**

Requisition: 006628

Department: Coll of Chem Dean

Location: Main Campus-Berkeley

Salary: Monthly: \$3,145.00 - \$3,786 .00

First Review Date: 06/22/2007

### Job Description:

The College of Chemistry is a six building complex (Giauque Hall, Gilman Hall, Hildebrand Hall, Latimer Hall, Lewis Hall, and Tan Hall) that contains 298 research laboratories, 207 research office/computer rooms, 55 instructional laboratories, 3 instructional computer rooms, 32 classroom/classroom service/seminar rooms, 107 shops/research support services and 240 administrative services. The College has its own Health and Safety Program that provides guidance and training to all occupants on matters related to the environment, safety and health in the workplace.

The College is the largest consumer of chemicals (new and recycled) and the largest generator of non-recyclable chemicals and solid waste on campus. As such, the College has a need for a Senior EH&S Technician to lead the solid waste disposal program consisting of non-recyclable contaminated lab debris, recyclable waste streams and "special" solid waste streams. The College operates one of only three state permitted hazardous waste accumulation areas on the campus, where the incumbent will direct the day to day activities within that area, as well as ensure permit conditions are met. Finally, the College Health and Safety Program has a need for a Sr. EH&S Technician to assist in planning, performing and directing a wide range of technical functions under the direction of the EH&S Specialist and the Director of College EH&S on matters related to environment health and safety in the College of Chemistry.

### Responsibilities:

Maintain functionality of the Solid Waste Disposal Consolidation Facility (15 Lewis Hall). Maintain current inventory of supplies and equipment. Ensure facility cleanliness by keeping waste disposal equipment in good condition and meeting the permit requirements. Perform the required inspections of the facility and coordinate any corrective actions found.

Develop/modify the procedures for solid waste collection and disposal. Establish and maintain daily solid waste collection schedules based on the researchers needs. Ensure each laboratory has the required collection containers appropriate for their specific waste streams. Order all items and replenish stock when needed.

Maintain records of collection of CLD on a daily basis according to individual research groups. Prepare a monthly inventory report, or invoice, of wastes collected through the CLD program that will be submitted and used for the monthly group recharge system. This requires working with other groups in the College such as: the College Business Office, Sr. Administrative Analysts and the Liquid Waste Disposal Program (solvent waste).

Perform packaging for special wastes such as mercury wastes, sharps, universal wastes and utilize the 4D Chemical Waste Tracking System for invoice preparation (mpl's).

Coordinate the transporting of dry waste with the outside Contractor and Campus EH&S office. Ensure the accuracy of the packaging and labeling of waste containers; that they are clearly marked of their contents and that the contents are accurately described on the mpl's.

Develop/modify procedures for empty glass collection throughout the College. Ensure that the empty bottles meet the empty bottle criteria before disposing of them. Meet with groups to communicate problems in this area, when needed. Establish and coordinate daily empty glass pick-up schedules from labs and hallway collection areas. Prepare the call-in lists daily for glass, CLD, etc. pick ups. Provide training for the proper way to handle and dispose of empty glass bottles.

### Requirements & Qualifications:

- A. Knowledge of general hazardous waste handling concepts, including Personal Protective Equipment, Contamination Control, Packaging, waste characterization and segregation. RCRA and HAZWOPER knowledge and certification preferred.
- B. Use specific training in the hazardous materials/waste field to safely handle various waste streams common to the College of Chemistry.
- C. Use a broad knowledge of chemical hazards to correctly identify, package and dispose of hazardous wastes.
- D. Use specific knowledge of RCRA and OSHA regulations to maintain compliance in the operation of the solid waste program.
- E. Skills in hazardous materials handling, transport, and packaging.
- F. Hazards mitigation using administrative and engineering controls.
- G. Health hazard identification and communication.
- H. Multi-tasking abilities to work effectively in a team environment.
- I. Excellent oral and written communication required.
- J. Ability to be effective in a dynamic research setting with people from various international backgrounds.
- K. Four year degree in any of the Physical Sciences, or 4 years full time experience as a HAZWOPER, or demonstrated education and experience that is equivalent.

This position has been designated as sensitive and may require a Criminal Background Check. We reserve the right to make employment contingent upon successful completion of a Criminal Background Check.

For more information and to apply, click [HERE](#).

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**Job Openings and Civil Service Exams:** DTSC has openings for engineers, environmental scientists, toxicologists, industrial hygienists, engineering geologists, chemists, and criminal investigators. Positions are located in the Sacramento HQ office, as well as in regional offices in Berkeley, Sacramento, Glendale, Cypress, Clovis, San Diego, and Calexico. Applications for civil service exams for these positions are being accepted on a continuous basis.

Web site: Employment with DTSC <<http://www.dtsc.ca.gov/Employment/index.cfm>>

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**Winefield Technical Solutions, Inc. (WTS) is searching for a Project Manager** for a company that handles hazardous waste at various facilities for their clients in the South Bay area. Candidate must have industrial/manufacturing experience. WTS's client is a national provider of hazardous waste management services. Extremely competitive salary and benefits. Please contact Jimi at (562) 293-4880 and forward resume to [jimi@wtsnetworking.com](mailto:jimi@wtsnetworking.com)

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**MARKETING COORDINATOR** - Engineering/Remediation Resources Group, Inc. (ERRG) is one of the fastest growing companies in the San Francisco Bay Area. ERRG provides clients with environmental engineering, consulting, and construction services, specializing in investigation, design, and remediation solutions for a wide range of environmental problems. Our continued growth has created an opening for a Marketing Coordinator to work in our corporate headquarters in Concord, CA. This position will support our existing contracts and will be an integral part of our efforts to gain additional business opportunities in the Federal, State/Local, and Private sectors.

The successful candidate must be able to manage and coordinate multiple projects simultaneously. The individual will be responsible for assisting the Proposal Manager with proposal editing and producing various marketing materials. This position requires the ability to successfully handle multiple projects simultaneously in a deadline-driven environment. Enthusiasm, computer skills, and great follow through skills are mandatory. A B.A degree is required as a minimum.

ERRG offers a competitive salary and benefits package, including medical, dental, vision, 401(k), and profit sharing. Please submit a cover letter, resume, and salary history for consideration by email to [employment@errg.com](mailto:employment@errg.com) or via facsimile to our Human Resources Department at (925) 969-0751.

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\$ 70 Billion Plus Dollar Global Manufacturing/Products Company seeks a **Senior Health and Safety Professional** for their East Bay Area facility. This is a true Safety and Health position, no environmental component.

Degreed and non-degreed Safety Professionals will be considered with a minimum of two years of occupational safety experience in a manufacturing environment. The right candidate will have a passion for the safety profession and dealing with people. The ideal person for the job would be described as safety leader not a "safety cop".

Will provide support leadership to management, employees and the community through education and proactive initiatives to reduce risk associated with Health and Safety activities and to ensure compliance with internal and external regulatory requirements and initiatives. Programs of special interest are confined space, lock out/tag out, elevated work, and vehicle safety.

All suitable candidates will be contacted via phone. No resumes will be forwarded without a candidate's verbal consent.

Please contact or forward resumes to:

Michael Makris, J.D.

Senior Consultant

Search Consultants International, Inc.

4545 Post Oak Place

Suite 208

Houston, TX 77027

713/622-9188 x3866

F: 415/946-3541

[michaelm@searchconsultants.com](mailto:michaelm@searchconsultants.com)

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

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### **Job 551-Environmental Health & Safety Manager**

The salary is 115-130K for this direct hire job.

when calling 323-456-0418 ask for Gary and job number 551

Location: Manhattan Beach , Ca. (310) area code

(near Los Angeles)

Job 551 - Manhattan Beach , ca. area code

The Manager of Global Environmental Health & Safety will take a coordinating and supporting role with the Business Unit leadership in the development of policies and standards on a global basis to assure consistency and level of risk. Will risk assess in advance the potential impact of activities, regulations or industry standards on the environment; monitor and report on global initiatives, objectives and targets; communicates at multiple levels of management with internal customers and external regulatory agencies, industry groups and community members. The Global EHS Manager monitors and contributes to initiative programs, such as ISO14001, lead-free, PFC's, global metrics.

- Individual must be able to coordinate a senior management Policy and Standards Team
- Individual must be self-driven, confident and goal oriented professional who has the ability to build relationships and effectively communicate throughout a diverse and global organization.
- Individual must use their influence leadership skills to coordinate the integration of the Global EH&S values to business unit and / or site leadership.
- Individual must be able to foster continuous improvement in all aspects of EH&S and regulations.
- Change agent
- Regularly interacts with senior level leaders and/or customers. Interactions frequently involve special skills, such as negotiating with customers or management or attempting to influence senior level leaders regarding matters of significance to the organization.

Individual will take an active role in shaping Global Environmental Health & Safety and will perform other activities related to Risk Management and Loss Prevention.

EDUCATION: Minimum BS degree in Chemistry, Engineering, EH&S related technical degree or equivalent experience. MS degreed preferred.

EXPERIENCE: (1) 10+ years related experience in Environmental Health and Safety. Semiconductor or chemical experience preferred, (2) Demonstrated project management experience, (3) 5+ years related management experience of a Environmental Health and Safety group, (4) Demonstrated ability to accomplishment objectives through partnering and team building.

[Workgary@sbcglobal.net](mailto:Workgary@sbcglobal.net) [gary@agents.icims.com](mailto:gary@agents.icims.com)

place the e-mail address in the "sent to" box when sending your e-mail.

Attach your resume (no cover letters) as a word document (do not send cut and paste, ZIP file or HTML).

BE SURE TO INCLUDE YOUR E-MAIL ADDRESS AND PHONE NUMBER ON THE TOP OF THE RESUME.

Then, please call Gary of Work 22 at (323) 456-0418, M-F, from 9--5, PST to discuss your background for the position's requirements listed below.

\* U.S. citizenship or green card is required; H1-B visas and other visas are not being sponsored. Relocation expenses may be offered. All jobs are employer paid; no fees to candidates. Third parties or agencies inquiries are not being accepted.

e-mail [workgary@sbcglobal.net](mailto:workgary@sbcglobal.net)

Log on to [www.jobs-socal.com](http://www.jobs-socal.com) for more Work 22 jobs.

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**Enviro Safetech**, a leading safety consultation firm in San Jose, California, is searching for a **full time Safety Manager** (minimum 10 years experience) and a **full time Safety specialist** (minimum 3 years experience) to develop written safety programs, perform safety inspections, and provide safety training for our clients. Salary is commensurate with experience and certifications. For more information please call 408-943-9090 or email [jayjam@envirosafetech.com](mailto:jayjam@envirosafetech.com).

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Job Title: **Environmental Services Program Managers**

Location: Environmental Services Department (ESD), San Jose, CA

Requisition #: CSJ-2007-0614

Close Date: July 29, 2007

Benefit Level: Full-Time with Benefits

Salary: \$93,751.40 to \$117,489.20 (**Annually**)

#### About the Position

The City's Environmental Services Department (ESD) is seeking dynamic and committed leaders to serve as Environmental Services Program Managers (ESPM's) to drive the City's aggressive environmental agenda. The successful candidates will have a strong background in environmental or related program implementation and innovation. Demonstrated success in building and maintaining effective working relationships with a wide variety of stakeholders similar to those at the City and at regional, statewide, and national levels is also desired. Candidates should possess exceptional writing and communications skills with a history of successful collaboration on complex projects and programs. ESPM Candidates should be able to effectively manage professional staff and a wide range of environmental programs. Qualities sought in incumbents are: energetic, flexible; comfortable with chaos; customer service focused; and a desire to take risks, and make a difference. Public Sector experience is not required. These positions report directly to ESD Deputy Directors. For more information about ESD, please go to: <http://www.sanjoseca.gov/esd>.

**The Environmental Services Department is currently recruiting for three ESPM positions: one to lead the Office of Sustainability and two to lead the Integrated Waste Management Division's Residential Services and Commercial, Industrial, and Institutional Services programs.** This candidate pool may be used to fill vacancies in other City of San Jose departments. If you are interested in employment in this classification, you should apply to ensure you are considered for additional opportunities that may utilize the

applicants from this recruitment.

#### Office of Sustainability

The Office of Sustainability works throughout the community to ensure that San Jose's Sustainable City Major Strategy (adopted by City Council in 1994) is developed and implemented. The Sustainable City Major Strategy asserts San Jose's desire to become an environmentally and economically sustainable city. Key elements of the strategy promote efficient use of resources for: land use, transportation, green building, energy and water, potable and reclaimed water quality, and resource conservation. Its key role is to assist and serve as an independent consultant on long range planning initiatives, policy development, special and pilot projects, and environmental regulatory and legislative analysis for the entire city. The successful candidate should bring technical expertise in at least one of the following areas: Sustainability, Alternative Energy, Green business, LEED; ISO 14001; Urban Environmental Accords; and/or Climate Change.

#### Integrated Waste Management Division (IWMD)

IWMD is an operating division in ESD with a \$100 million annual budget and 30 staff. IWM's Residential Services Division provides garbage and unlimited recycling, yard trimmings, and household hazardous waste services to approximately 202,000 single-family and 92,000 multi-family households. Residential Services represents the largest municipal privatized residential solid waste collection system in the United States and consists of seven multi-million dollar service contracts. The Commercial, Industrial and Institutional Services (CIIS) Division provides franchise management to the City's twenty-six commercial garbage and recycling haulers, and technical assistance and waste reduction programs to the City's business sector. Two principal priorities of the CIIS ESPM is the evaluation and potential redesign of the City's Commercial Solid Waste program and implementing the Las Plumas Ecopark Master Plan. CIIS also provides waste reduction and solid waste and recycling collection programs for municipal facilities, public areas and venues, special events, and schools. For more information on IWMD, go to <http://sjrecycles.org/>.

These ESPM positions play key strategic roles in the development and implementation of department and division goals, objectives, legislative analysis and support, and policies, including providing leadership support for San Jose's implementation of the Urban Environmental Accords.

#### Desirable Qualifications

The ideal candidate will possess the most desirable combination of training, skills and experience, as demonstrated in past and current employment history. Desirable experience, knowledge and skills for this position include

Ability to plan, organize, direct and implement environmental services programs

Ability to supervise, manage, motivate, and lead a group of professional staff.

Ability to lead the implementation of outreach and educational programs for environmental initiatives.

Experience working with internal and external stakeholders to implement programs and negotiate toward common goals.

Ability to contribute to the development of departmental goals, objectives, policies and plans.

Ability to develop and manage program budgets

Ability to communicate both orally and in writing, including the presentation of program information and oral formats.

#### Minimum Qualifications

Any combination of training and experience equivalent to the following:

Education: Bachelor's degree from an accredited college or university with major course work in environmental sciences, public or business administration.

Experience: Six (6) years of increasingly responsible experience in overseeing and administering complex environmental programs, including four (4) years of progressively responsible supervisory experience.

Employment Eligibility: Federal law requires all employees to provide verification of their eligibility to work in this country. Please be informed that the City of San José will not prepare or file a labor condition application with the Dept. of Labor.

#### Application Process

If you are an interested candidate who meets the minimum qualifications, you can be considered for this vacancy by applying online. If you are currently viewing this announcement online, and you would like to apply using the online application feature, go to <http://jobs.cityofsj.org/>. Click on "Open Recruitments." Click on "Environmental Services Program Manager" to view the job announcement. Click the "Apply to this Position" button at the bottom of the job announcement to apply.

## Selection Process

The selection process will consist of an evaluation of the applicant's training and experience based on the application, resume and answers to the job-specific questions. Only those candidates whose backgrounds best match the position may be forwarded to the next phase of the selection process.

You will be prompted to answer the following job-specific questions in the online application process:

Describe your experience planning, organizing, directing, and implementing environmental projects and programs. Be specific about the experience that meets the minimum qualifications of the job specification. Also, include your three greatest accomplishments in program implementation.

Describe your experience supervising, managing and leading professional staff, particularly technical professionals. Be specific about your experience that meets the minimum qualifications of the job description.

Describe your experience with implementing outreach and education programs aimed at environmental initiatives.

Describe your experience working with various stakeholders, including regulators, community members, business representatives, elected officials, environmental representatives, and other departments or agencies.

Describe your experience with the development of broad goals, objective, policies, or plans. What was the most complex undertaking you were involved in? What was your role?

Describe your experience with the development and management of program budgets. Be specific about the scope of the budget and your role.

Describe your experience with communicating project information including the authoring of reports and delivery of oral presentations.

You must answer all job-specific questions in order to be considered for this vacancy or your application will be deemed incomplete and withheld from further consideration.

If you have questions, comments or concerns about the recruitment, selection or hiring process, please contact us at [ESD-HR@sanjoseca.gov](mailto:ESD-HR@sanjoseca.gov).

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**Job Title: COMPLIANCE PRACTICE LEADER**

**Location: Environmental Data Solutions Group, LLC (EDSG)**

Environmental Data Solutions Group, LLC (EDSG) is a growing company that specializes in providing cutting edge Environmental, Health and Safety (EHS) consulting, with a goal of providing quality customer service and continually differentiating from competitors. The company is expanding its EHS Compliance services offering.

This expansion requires an energetic leader with extensive experience in EHS compliance in southern California and a strong entrepreneurial spirit and drive to grow. The primary focus of the Compliance Practice Leader is three-fold:

Grow an EHS Compliance practice in southern California

Retain and expand EHS services currently provided to existing EDSG customers

Mentor and grow a staff of quality, motivated, hard working EHS professionals

The qualified candidate will be a self-starter, have extensive experience and relationships in the EHS community, be an excellent organizer and communicator with demonstrated willingness and desire to grow a business practice. The ideal candidate will bring the following capabilities to the EDSG team:

10+ years of EHS consulting experience in the southern California marketplace

BS or MS degree in Engineering or related Environmental field

A broad background with EHS compliance services, with a particular emphasis in air quality compliance

Proven client service skills as evidenced by extensive repeat business over time with core customers and

demonstration of a network of client relationships that can be used to initiate growth

Proven leadership skills in the area of staff growth and mentoring

Proven project management skills in the areas of cost and schedule control, scope management, people management and contract management

Proven ability to generate new business in the EHS compliance space, including relationship building, proposal writing, and networking.

EDSG has a unique work environment with innovative compensation and incentive programs. Candidates interested should apply by sending an email to [bwilson@edsgrp.com](mailto:bwilson@edsgrp.com). EDSG is a growing company that offers competitive salaries with the workplace and bonuses based on performance. For full time employees we offer health, dental and 401K plan benefits.

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Job Title: **PROJECT MANAGER, EHS Division**  
**Environmental Health & Safety Division**

Location: SEMI North America  
3081 Zanker Road  
San Jose, California 95134, U.S.A

## EDUCATION

BA Business, Marketing, Government Relations, or BS in related technical discipline, or equivalent training and/or experience.

## EXPERIENCE

Minimum four years experience project management. Background in semiconductor industry, public policy, EHS and/or industry advocacy. Ability to research, develop, modify and recommend EHS management tools. Exceptional communication skills-writing, presenting and verbal. Experience with international customers required. Must have working knowledge of project management, program planning, marketing techniques, customer service, and strategic planning. Computer software skills required include web, database management, word processing, spreadsheets (Excel), and graphics (PowerPoint, etc). Candidate must have willingness to travel both domestically and internationally.

## SUMMARY

Under minimal supervision, serve as project manager for the Environmental, Health and Safety Division. Organize and coordinate all projects and programs related to the topic areas within this Division.

This position requires a broad skill base including project management, product marketing, business development, customer relations, international committee management, and marketing. Should be an action oriented individual and a quick learner that drives projects to successful completion.

## DUTIES AND RESPONSIBILITIES

Project Lead for Global Care Initiative including marketing, recruitment, strategic planning, creation of implementation tools, communications to members.

Plan, coordinate, execute, and evaluate projects and programs for EHS Division. Including industry technical programs, meetings, forums, workshops, special interest groups and collateral.

Manage International Compliance and Regulatory Committee. Drive community building and outreach with prospective members and companies. Coordinate ad hoc committee activities (e.g., analysis of major new EHS regulatory developments for their relevance to SEMI members) with industry professionals as necessary.

Create and manage distribution of EHS content for various outlets, print, web, etc. Gather and disseminate information, create value added web content for [www.semi.org](http://www.semi.org) to enhance member value and drive traffic-covering both technical and business perspectives.

Responsible for coordinating the EHS e-newsletter as well as other articles published in industry trade publications and [www.semi.org](http://www.semi.org).

Assure program success by coordinating efforts with industry associations and other SEMI departments such as Marketing, Program Operations and Finance.

Prepare detailed budgets, program plans, schedules, and timelines.

Prepare briefings on key topical areas.

Provide SEMI members with information and services, as needed.

Coordinate and/or execute administrative functions such as filing, updating databases and mailings, including electronic mailings.

As a SEMI employee, share responsibility for workplace safety by correcting or reporting any unsafe condition to manager or to Facilities. Managers who have knowledge of unsafe practices and/or conditions in the workplace are legally responsible for ensuring they are corrected.

#### KEY COMPETENCIES

Business/technical acumen - ability to get up to speed quickly on topics.

Project management - strong attention to detail, follow up and can manage multiple projects concurrently.

Action oriented (execution and ownership) - get things done well and on time.

Customer focus/effective teams (people skills) - customer facing position and ability to manage cross-functional teams.

Writing and presenting skills/communications.

Program Management Skills

Product Marketing Skills

Organizing skills

Teamwork skills

Quality/continuous improvement skills

#### PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

To perform this job, the employee is regularly required to sit; use hands to finger, handle, or feel objects, tools, or controls, reach with hands and arms, and talk or hear. Must occasionally stand and walk and lift or move up to 10 pounds. Specific vision abilities required by this job include close vision peripheral vision, and the ability to adjust focus. Occasional travel by car and/or airplane on business related matters is required.

DUTIES AND RESPONSIBILITIES INCLUDE THE PRINCIPAL FUNCTIONS OF THE JOB. THE JOB DESCRIPTION SHALL NOT BE CONSTRUED AS AN EMPLOYMENT CONTRACT NOR AS A COMPLETE LISTING OF ALL MISCELLANEOUS, INCIDENTAL OR OTHER DUTIES WHICH MAY BE ASSIGNED DURING NORMAL WORKING OPERATIONS.

SEMI North America

3081 Zanker Road

San Jose, California 95134, U.S.A.

Tel: 1.408.943.6900

Fax: 1.408.428.9600

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The University of California, Santa Cruz is looking for a **training developer** with EH&S experience. Please go online to <https://jobs.ucsc.edu> to view the position description and to apply.

For more information, contact Buddy Morris at (831)459-4454 or Saladin Sale at (831)459-3261.

LOCATION: Santa Cruz

DATE POSTED: 8/20/07

JOB NUMBER: 0701140

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## **Associate Engineer (Industrial Safety) – ESD**

Type of Job: Open to all Applicants

Requisition #: CSJ-2007-0755

Department: Environmental Services

Open Date: August 20, 2007

Close Date: Open until Filled

Benefit Level: Full-Time with Benefits

Salary: \$78,332.80 to \$95,472.00 (Annually)

The Environmental Services Department (ESD) is recruiting for an Associate Engineer with specialization in Industrial Safety.

The mission of the Environmental Services Department is to work with the community to conserve natural resources and safeguard the environment for future generations. The department provides services for wastewater management, garbage and recycling, drinking and recycled water, and watershed protection. ESD is comprised of a staff of more than 450, boasting a diverse set of skills and specialties among our team - treatment plant operators, administrative professionals, biologists, chemists, inspectors, environmental program specialists, accountants, maintenance personnel, and more. The department and its personnel demonstrate a strong commitment to teamwork, environmental protection, and building good partnerships.

Providing an advanced level of treatment, the San Jose/Santa Clara Water Pollution Control Plant serves San Jose plus seven suburban cities in the South Bay. With a design capacity of 167 million gallons per day, this utility is one of the largest advanced treatment plants in the nation. A key challenge facing the plant is undertaking a billion dollar infrastructure improvement program over the next 20 - 30 years, starting with \$166 million in key projects identified for the next five years. The Associate Engineer will provide industrial safety engineering expertise for the infrastructure improvement program.

This classification is represented by the Association of Engineers and Architects (AEA).

This recruitment may be used to fill multiple positions in this, or other divisions or departments. If you are interested in employment in this classification, you should apply to ensure you are considered for additional opportunities that may utilize the applicants from this recruitment.

### **Desirable Qualifications**

The ideal candidate will possess the most desirable combination of training, skills and experience, as demonstrated in past and current employment history. Desirable experience, knowledge and skills for this position include:

Job Expertise: Experience with industrial safety, process safety management, knowledge of chemicals, chemical classifications, and hazardous materials regulations; experience interpreting and implementing occupational health and safety regulations in an industrial/manufacturing setting

Certified Safety Professional (CSP) or Certified Industrial Hygienist (CIH) preferable

Strong verbal and written communications skills

Interpersonal and customer service skills

Skill and ability to manage complex projects and programs.

### **Minimum Qualifications**

Any combination of training and experience equivalent to the following:

Education: Bachelor's degree in an engineering science or environmental engineering or possession of the Engineer-in-Training (EIT) certificate and

Experience: Three (3) years of increasingly responsible professional engineering experience, including at least one (1) year of experience at a level equivalent to Engineer II with the City of San Jose.

Employment Eligibility: Federal law requires all employees to provide verification of their eligibility to work in this country. Please be informed that the City of San José will not prepare or file a labor condition application with the Dept. of Labor.

### **Application Process**

If you are an interested candidate who meets the minimum qualifications, you may be considered for this vacancy by applying online.

If you are currently viewing this announcement online, and you would like to apply using the online application feature, scroll to the bottom of this announcement and click on "Apply to this Position."

If you are not currently online, go to <http://jobs.cityofsj.org/>. Click on "Open Recruitments," then click on Associate Engineer (Industrial Safety) – ESD to view the job announcement. Click the "Apply to this Position" button at the bottom of the job announcement to apply.

### **Selection Process**

The selection process will consist of an evaluation of the applicant's training and experience based on the application, resume and answers to the job-specific questions. Only those candidates whose backgrounds best match the position will be invited to interview.

You will be prompted to answer the following job-specific questions in the online application process:

Please describe your background and experience that you feel qualifies you for this position.

Please describe the most challenging engineering project or program you have managed. Explain your role and responsibility and how you overcame the challenges in overseeing this project.

Please indicate if you are a Certified Safety Professional (CSP) or Certified Industrial Hygienist (CIH) or in training for either certification.

You must answer all job-specific questions in order to be considered for this vacancy or your application will be deemed incomplete and withheld from further consideration.

<https://jobs.quickhire.com/scripts/qhsanjose.exe/runjobInfoApply?aOrg=1&aJob=2796&ORGIMG=&INTERNAL=0>

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# BAESG MEMBERSHIP APPLICATION/ RENEWAL

Your membership is important because it helps keep this organization viable. Membership in BAESG offers a particularly good value. The cost is reasonable, and benefits include: the best rates for our monthly meetings that feature excellent speakers on the topics you are interested in as an EHS professional; access to a membership directory of an exceptional group of fellow EHS professionals; the opportunity to network with fellow EHS professionals, and regular updates to the EHS jobs listing.

Print out this page and fill in the relevant information, or staple a copy of your business card to this form (for inclusion in the membership directory) and attach a check for membership dues. Annual membership dues are \$25.00. (\$12.50 for full-time students and retired EH&S professionals). Make your check payable to **BAESG**.

Mail your completed application form and payment to:

Membership Director  
**Bay Area Environmental Safety Group**  
P. O. Box 60363  
Sunnyvale, CA 94088-0363

**Please complete all the following Personal Information and Company Address for correct listing in the Membership Directory:**

Name: \_\_\_\_\_

Full-time Student? Yes \_\_\_ No \_\_\_

Certifications (such as CIH, CSP) \_\_\_\_\_

Job Title (or field of study): \_\_\_\_\_

Company (or College/University): \_\_\_\_\_

Street Address: \_\_\_\_\_

City, State, and ZIP CODE: \_\_\_\_\_

Daytime Phone (with area code): \_\_\_\_\_ FAX: \_\_\_\_\_

Email address: \_\_\_\_\_

Sponsor: \_\_\_\_\_

**Monthly newsletters will be sent to the above email address.**

## **Areas of Topic Interest for meeting presentations:**

Please indicate any areas of special interest that you would like to see covered during the monthly meetings, or topics that you would be interested in presenting.

TOPICS: \_\_\_\_\_

ARE YOU INTERESTED IN PRESENTING ON THIS TOPIC? Yes \_\_\_ No \_\_\_