



Safety Insider

November 2006

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November Meeting Announcement

Speaker: Scott Norman

Scott Norman, CSP, is an Industrial Hygiene Product Specialist for TSI (www.TSI.com). He brings twelve years of EH&S experience to TSI's exposure monitoring product group. Scott provides application support for aerosol monitoring, industrial hygiene air sampling and respirator fit testing.

Scott is an active member of the Upper Midwest Section of the American Industrial Hygiene Association and the NorthWest Chapter of the American Society of Safety Engineers. He is also a Certified Safety Professional and past President of the BAESG.

Subject: Nanotechnology Overview

“Nanoparticle Monitoring in Occupational Environments – Comparing and Contrasting Measurement Metrics”

This presentation will provide an overview of nanotechnology, including nanoparticle definitions. It will also cover traditional IH aerosol measurements, measurement comparisons, and current work and issues in nanotechnology and occupational health.

Meeting Time and Location:

Wednesday, November 15, 2006 11:30 am – 1:00 pm

Registration and Lunch starts at 11:30 am

Speaker begins at noon, and finishes about 1:00 pm

Meetings are held at Arthur's Restaurant. This South Bay landmark is located at 2875 Lakeview Drive, Santa Clara.

From 101 take the Bowers Avenue /Great America Parkway exit and head south on Bowers. Turn right on Augustine Drive (about one block from the freeway), and then take another right onto Lakeview Drive.

Lunch features a delicious buffet featuring a variety of choices, including vegetarian offerings.

Cost is \$20 for BAESG members with reservations and \$25 for non-members. Walk-ins are charged an additional \$5. Avoid the additional charge; make your reservation now via email to BAESGreservation@aol.com. Please leave your name and affiliation.

From The Editor

Nanotechnology Perspectives

Nanotechnology is already producing commercially important products, and the product stream promises to increase dramatically in coming years. With the potential comes challenges as well as opportunities for interested EHS professionals.

Wikipedia states that “Nanotechnology is a field of applied science focused on the design, synthesis, characterization and application of materials and devices on the nanoscale.” Nanoscale is typically considered to be 100 nm or smaller. By comparison, a human hair is about 80,000 nm wide and a red blood cell is 7,000 nm in diameter (Knowles).

Nanoscale objects often have physical properties distinct from their larger counterparts even when made of the same materials. Some of these differences are attributable to quantum mechanical effects and others, such as catalytic activity, are due to immense increases in the surface area to volume ratios. A number of these products are already commercially available. For example, Sharper Image © offers food containers “infused” with “Silver nanoparticles” that are said to retard spoilage of perishables. Other established applications include self cleaning glass, other coatings, and cosmetics. The Organization for Economic Co-operation and Development (OECD) asserts that the U.S., Japan, and Europe are each spending at least 500 million dollars (U.S.) on Nanotechnology annually.

However, many of the very properties that make nanoscale objects so commercially promising also pose potential health and safety challenges. For example, ultrafine particles have been found to be easily inhalable, to move about the body readily, and even in some cases to have the ability to pass the blood brain barrier. Allianz Group and the OECD have a joint study on the potential risks and rewards of Nanotechnology; it’s available for download at the Allianz website.

One limitation to controlling potential hazards from nanoparticles is a relative scarcity of measuring equipment. There are companies active in this emerging field. Among them is TSI (www.tsi.com). Scott Norman, a past BAESG President and currently IH Product Specialist for TSI, will be in town November 15 to speak at our monthly meeting. I encourage anybody with an interest in Nanotechnology to join us for what promises to be an interesting and informative presentation.

References

Knowles III E.E. “Nanotechnology: Evolving occupational safety, health and environmental issues” *Professional Safety*. March 2006.

McShane, B. “Nanotechnology (Is there cause for concern)?” *Professional Safety*. March 2006.

Lauterwasser, C. (Ed.) “Small sizes that matter: Opportunities and risks of nanotechnologies”
Download at: www.allainz.com (search for “nanotechnology report”)

Parsons, J. “Small Wonders, Big Questions.” *The Synergist*. October 2004.

Edward Tufte Teaches Information Design

Dr. Edward Tufte, renowned instructor on Information Design, is coming to the Bay Area in December. I wrote at length about him and his lively one-day class in the April BAESG newsletter (<http://www.baesg.org/nwsltr/0604.pdf> – page 2) I encourage you to visit his website, www.edwardtufte.com.

If you do take one of his classes, feel free to email me (BAESG@aol.com), and tell me what you thought of it.

Holiday Party Coming Up - Save December 13th Evening!

The annual Holiday Party is the planning stages. It will be held the evening of December 13 at Arthur's in Santa Clara, the same place as our monthly meetings in recent years. A November email to all members will supply the details. You don't have to be a member to attend, but it's a great opportunity to join BAESG or renew your membership for 2007!

The BAESG Board of Directors Elections Coming to a Meeting Near You in November! Nominations Now Being Accepted

It's time once again to elect the Board of Directors, who will lead this organization for the next year (starting in January, 2007). Any member who is interested in running for office is welcome.

Participation on the board allows you to have a say in how this organization is run, promotes networking with other members and helps develop closer ties with other EHS professionals. It is an excellent way to get to meet and know a really great group of people who work at all levels and in all facets of the EHS industry.

The duties of the individual board positions can be found in the Charter and Structure link on our website at: <http://www.baesg.org>.

Nominations run through the end of November's lunch meeting.

Elections will be conducted by email the week after the November meeting; only BAESG members may vote.

Election results will be announced in the December Newsletter and at the December Holiday Party/meeting.

If you are interested in being nominated for a board position, contact Roy Dojahn at: rdojahn@aol.com

Current Nominees:

President: Lana Spencer

Programs VP: Michael Hall

Treasurer: Rich Morales

Membership Director: Michael Maccalla

Secretary: Open

Newsletter Editor: Rebecca Anderson

NEWS and UPDATES

Pandemic Preparedness--Starting Now

Advance planning holds the key to mitigating pandemic OH&S risks.

by Myles Druckman

When the first human cases of avian flu arose in Asia, employees in the affected areas became anxious and, in some cases, terrified. Anxiety and rumors spread, as did the virus, and people were dying--young, healthy people. Asian operations of multinational companies raised the alarm to their corporate offices in the United States. Feeling the pressure, corporate head offices scrambled to try to resolve this "Asian" problem.

Then, the true nature of the threat began to sink in . . . this was not "an Asian problem." This was a global problem, the likes of which we have never had to prepare for before. Pandemic means global, and the effects will be felt everywhere. We are already affected today.

The prospect of an avian flu pandemic is frightening. Scientifically sound predictions speculate that healthy young adults may be hit the hardest; that health care systems will be critically short of beds, supplies, and staff; that millions could die and the world economy could be devastated.

The World Health Organization (WHO) is clear that the threat of an influenza pandemic is great and that this threat will persist. WHO is urging all organizations to develop plans to prepare for a pandemic. The time to prepare is now. Whether the avian flu (H5N1) virus that is circulating today will become the next pandemic virus is unknown, though it remains the greatest potential threat on the horizon. The concern with the present H5N1 avian flu virus is that it has two of the three characteristics of a pandemic virus: It is a new virus for which humans have no immunity, and it can cause significant illness and death. Fortunately, it lacks the ability to be easily transmitted between humans. If the virus mutates into this form, it would herald the coming of the pandemic.

What this means for companies is that both their personnel and operations will be at significant risk in a pandemic. The effects of SARS, though very limited from a health perspective, caused huge financial damage to those regions that were affected. Magnify this effect exponentially, and you have the potentially devastating effect of an influenza pandemic.

Fortunately, this message is starting to hit home--albeit gradually. Recent polls of multinational companies who participated in our webinars demonstrated more than 80 percent believe a pandemic is a very important or critical issue for their organization, though only 36 percent of companies are now developing pandemic plans. This is an improvement because five months ago, that number was 16 percent. Still, the majority of companies are trying to understand the issues and figure out what they need to do to prepare themselves.

One challenge is that there is so much information out there, it is difficult to sort out what is relevant and what is only "good to know." Another significant challenge for companies is that a pandemic does not fit into their typical crisis management plan, nor will their SARS plan work for a pandemic. A pandemic will affect all areas of your operation, for months to years. Your company's pandemic team must consist of senior representatives of all major areas, including human resources, business continuity, occupational health and safety, security, operations, finance, and medical. Getting all these people together on a global basis is also a logistical challenge.

Three Basic Steps to an Effective Plan

So how can a company prepare for such an event? There are three basic steps a company needs to make in order to develop an effective pandemic plan.

The first step is to build a cross-functional pandemic team with authority--and educate the members. Education includes a clear focus on the expected implications and impact of a pandemic. The second step is to build a pandemic plan that uses the WHO pandemic phases for triggers. The third is to implement the plan, test it, and monitor the global situation closely, being ready to respond to changing circumstances.

Basic background on pandemic influenza: The avian influenza H5N1--sometimes A/H5N1 because it is in the influenza A family--is more commonly called "bird flu" or "avian flu." These two phrases are interchangeable. Historically, H5N1 only infected birds. Many wild birds carry the virus naturally and asymptotically. Domestic birds, however, usually develop symptoms quickly after infection and die from the disease. A number of countries have experienced widespread infections among domestic birds since 2003, most notably China, India, Indonesia, Nigeria, Thailand, Turkey, and Vietnam. Millions of birds have died or been culled in an effort to control the disease.

H5N1 has also begun infecting people, killing about 50 percent of those who contract it. Patients have been recorded in Cambodia, China, Iraq, Indonesia, Thailand, Turkey, and Vietnam. Most of those infected have had close contact with sick birds--that is, they lived with them and may have killed or prepared them for consumption.

Bird flu has killed millions of birds, though it has infected fewer than 200 people, so today, in its present form, it still is a greater threat to birds than to humans. However, this is small comfort, because the influenza virus is very changeable. When the virus attacks and infects cells, it regularly makes replication errors. The new viruses it creates are often different from the ones that initially attacked the cells. The fear is that a replication error could produce a new virus that has the ability to easily infect humans and would create the pandemic virus.

We base many of our expectations of what could happen in a major pandemic on what occurred in the 1918-1919 pandemic of "Spanish flu," which killed at least 50 million people globally. Scientists see similarities between that virus and H5N1, and they were both avian influenza viruses. Pandemics have regularly occurred throughout human history, typically occurring every 30 years since the 1700s. The most recent was in 1968-1969, though it was not nearly as severe as the flu pandemic of 1918-1919. For this reason, experts consider the world "overdue" for another pandemic.

If H5N1 develops into the next pandemic virus, its effects are likely to be catastrophic. Conservative estimates established by WHO put the death toll between 2 million and 7 million deaths worldwide. Unlike annual flu outbreaks, which take their largest toll on the elderly and young children, pandemic flu may have the most impact on healthy young adults--the age group that comprises the bulk of the workforce. This implies that, from a logistical standpoint, your company's problems could start before anyone in your office even gets sick. In fact, they'll probably start before anyone in the nation gets sick.

Based on projections from the 1918-1919 flu pandemic, as much as 30 percent of the global workforce could be incapacitated during a pandemic. Even if all of your employees are healthy and present, your overseas offices may be incapacitated due to illness and absences. The company that supplies raw materials needed to produce your product may be unable to ship for an unknown period of time due to quarantine measures and international border closures. There are an infinite number of permutations of this scenario, which all have the same end result: You have a facility full of viable employees who cannot perform their jobs because of disruptions in the global workforce. Before the pandemic comes within 1,000 miles of your company, your employees may be affected.

Even if your company is purely domestic, the companies you do business with may not be. Any delay or backup they experience will eventually trickle down to your company. These shortages, interruptions, and supply outages will not occur on a neat, limited timetable.

Pandemics occur in disease "waves." It is expected that waves will infect locations at different times and in different degrees of severity, which cannot be predicted. So even as your Houston office is getting back on its feet after a four-week wave of illness that affected many, your Seattle branch could be just reporting its first case.

Getting Ready

The key implication is to prepare for the "wave." Up to 50 percent of your workforce could be absent at the peak of a wave (which could last weeks): some from illness, some from caring for ill family members or looking after children (the schools will be closed), some unable to get to work (public transport could be shut down), and some just too fearful to come into work. During the Spanish flu, there were at least three waves, each of which lasted weeks, separated over a year. This scenario could play out again in the next pandemic.

Many companies are now considering plans for ensuring employees do not come to work. How do I re-educate my staff so that the slightest cough keeps them home? How do I get hourly workers to stay at home? Do I pay them to stay at home? These are questions that should be answered now--not later, when it may be too late. Companies also are evaluating whether they can actually "shut down" their facilities during a wave. If they must stay operational, then who are the bare minimum (i.e., "business critical") staff necessary to keep your business running? Once you've identified those staffers, how do you get them safely to work and keep the work environment as safe as possible? What is a safe work environment in a pandemic?

Clearly, an impending pandemic will have major occupational health issues. But advanced planning can lessen its impact. Once a company recognizes a pandemic as a significant health threat, specific points can be addressed to prepare the workforce. Questions to consider include:

- * What will we do to reduce transmission in the workplace? How do we identify infected people, and what policies will we enact regarding attendance, isolation, etc.?
- * How will we react if someone becomes sick at work and the health care system is overwhelmed? Can we care for sick employees?

- * Who will maintain a safe working environment and occupational health and safety standards if critical staff members or supervisors are absent?
- * What methods of stress management will help staff members cope with extreme, prolonged anxiety and depression?
- * How will we handle travelers and staff overseas?

These are difficult questions, but by considering them before a pandemic begins, companies can start to formulate plans. Ideally, these should include both high-level policy decisions and specific actions that will be taken as governed by those decisions. Your plan should be able to "activate" certain processes as soon as clear triggers are met. That way, precious time won't be wasted trying to decide what to do.

Accurate, up-to-date medical information is critical to preparation efforts. Like all flu viruses, H5N1 constantly mutates, and its march around the globe continues. It's a hot story, and the 24/7 news media know this. One of the first and most important things you can do when developing a preparedness plan is to decide where you will get your information and who will be responsible for keeping it current. You may also find it useful to cultivate relationships with local health authorities so you know what their plan is, and their limitations, allowing you to best manage your operations.

There are a number of other steps that can be taken to protect workers' health. Encouraging all employees to optimize and maintain their general health is a good starting point. In general, healthy people have a better chance of surviving a serious infection. Also, educate your employees about the importance of personal hygiene and proper cleaning methods to reduce the risk of illness in the workplace. Taking steps to preserve their health and prevent illness will empower people and give them a sense of control.

Update your sick, family, and medical leave policies, preferably ensuring that employees who are ill will not be penalized for staying home. Use these policies to stress a sense of communal responsibility--that is, that sick employees should make every effort to confine their illness and prevent spreading disease among colleagues. Develop specific procedures for managing an infected person in the workplace; identify quarantine areas, consider transportation issues, devise a notification chain.

Consider stockpiling personal protective equipment that can be used either generally to reduce the risk of workplace transmission or in specific instances when co-workers must care for a sick colleague. Identify sites, jobs, and personnel that are critical to business continuity, as well as locations where staff shortages could compromise staff safety. Make contingency staffing plans in case these employees are absent.

To address the needs of employees who are traveling or stationed off site, educate them about risks. This should be implemented immediately for any employee traveling to an affected area.

These suggestions are not comprehensive, but all are useful starting points in preparing for an influenza pandemic. The most important thing is to start now--it's certainly not too late. Investing in pandemic preparedness now may help reduce the economic, social, and personal toll that a worldwide disease outbreak can take on your business and ensure your organization is able to quickly recover once the pandemic ends.

There is a great pandemic threat on the horizon. All of us have been made aware of it. It is critical we take this threat seriously and prepare for it, to protect our businesses, personnel, and ourselves. This article appeared in the May 2006 issue of Occupational Health & Safety.

Dr. Myles Druckman, M.D., is Vice President, Medical Assistance for International SOS (www.internationalsos.com), a provider of medical assistance, international health care, security services, and outsourced customer care. With 4,000 professionals operating in 60 countries, International SOS helps organizations manage the health and safety risks facing their travelers and global workforce. Working in some of the most inhospitable places on earth, International SOS offers international standards of medical care where it is not available or where cultural and language barriers exist.

Big Gap Perceived Between Corporate Concern, Preparedness for a Flu Pandemic

An "Avian Flu Pandemic Preparedness Survey Report" published Spring 2006 by Mercer Human Resource Consulting argues that "There is a considerable gap between organizational concern about the impact of a pandemic and organizations current state of pandemic preparedness." For example, "while 90% of (survey) respondents forecast moderate to high impact due to high absenteeism ... only 47% ... have established a business continuity plan." Further ... "only 17% have allocated a pandemic preparedness budget."

The full report, as well as the report "Preparing for a Pandemic: Easing the Asian Flu's Impact on Employee Welfare and Productivity", can be viewed at: www.mercerhr.com/avianflu

Office Depot Green Efforts

Office Depot has released the third edition of their “Green Book”, a catalog of products said to be environmentally preferable. To order a copy of it for your business, and to see an overview of Office Depot environmental stewardship efforts, visit:

www.community.officedepot.com/environment.asp

UPCOMING EVENTS

LOCAL

Bay Area REBRAC

In November, Bay Area REBRAC is offering half day classes in Hazardous Waste Management, Hazardous Materials Transportation, and an 8 hour OSHA HAWOPER refresher. For more information, visit: <http://www.bayrebrac.org> (select “Training Calendar”) Most classes are held at Mission College, Santa Clara, CA

Northern California Section of the American Industrial Hygiene Association

Dinner Meeting – “Current Practices in the Assessment and Remediation of Methamphetamine Lab Contamination” Berkeley, CA (November 14, 2006)

For more information, and to register visit: <http://www.aiha-ncs.org/cde.cfm?event=132730>

Or contact Janeen Robertson, PhD, CIH (925) 423-3170 robertson20@lnl.gov

UC Santa Cruz Extension

For detailed information about UCSC Extension courses visit: <http://www.ucsc-extension.edu/ucsc/publicViewHome.do?method=load>

Most courses are held in Cupertino, California

Edward Tufte’s One Day Course on Information Design

(as described in “Note From the Editor”, in April 2006 Newsletter)

San Jose, CA December 4 and 5, 2006

San Francisco, CA December 6, 7, and 8, 2006

<http://www.edwardtufte.com/tufte/courses>

NFPA Emergency Evacuation 1 Day Workshops

San Jose, CA December 11, 2006

San Francisco, CA December 12, 2006

Also:

Denver, CO November 10, 2006

Orlando, FL December 8, 2006

Seattle, WA December 14, 2006

U.S Department of Homeland security has provided funding through a Fire Act Grant that enables NFPA to offer this workshop for \$145 to NFPA members and non-members alike.

For more information and to register visit:

<http://www.nfpa.org/catalog/product.asp?pid=EEW&query=EEW&target%5Fpid=EEW&link%5Ftype=search>

USA OUTSIDE THE BAY AREA:

94th Annual National Safety Congress & Expo

San Diego, CA (November 3-10, 2006)

<http://www.nsc.org>

35th Annual National Association of Chemical Distributors Meeting

Carlsbad, CA (November 27 – December 1, 2006)

<http://www.nacd.com>

35th International Congress and Exposition on Noise Control Engineering (INTER-NOISE 2006)

Honolulu, HI (December 3-6, 2006)

<http://www.internoise2006.org>

Annual Conference of the California Industrial Hygiene Council (CIHC)

On the waterfront in San Diego, CA (December 4-6, 2006)

Details can be found at www.CIHonline.com or call Jeff Jones at 510-627-1360 for questions or email him at jjones@portoakland.com

OSHA Training Camp

Las Vegas, Nevada (December 4-8, 2006)

www.oshatrainingcamp.com/

ASSE SeminarFest 2007

Las Vegas, Nevada (January 21-27, 2007)

<http://www.asse.org/seminarfest07/>

Jay Jamali of Enviro SafeTech is presenting one day seminars at ASSE SeminarFest 2007. Jay will speak on Confined Space assessment (Sunday, January 21) and on developing Lock Out/Tag Out programs and procedures (Monday, January 22).

If You Have a Job Opening ...

... BAESG would like to advise our community. Job seekers in BAESG are notified of opportunities via the job list and in our newsletter. If you would like to participate, please send a description - ideally in Word - of the opening to BAESG@aol.com, with "job opening" in the subject line.

For Job Seekers

BAESG offers a job list members can join, whereby job listings are emailed periodically. It's a good way to get updates on opportunities between publication of our newsletters. To join, send an email to BAESG@aol.com, with "add me to job list" in the subject line.

Note: The following positions were collected from a variety of sources. BAESG has not verified the informational content of these ads.

EH&S Professional**ECS Refining****Santa Clara, CA**

Wanted: An EH&S professional with broad experience in the field to lead EH&S effort at electronics and hazardous waste recycling facility. Job duties encompass all aspects of health and safety, including planning and conducting employee training, monitoring compliance with plans and programs, record keeping, and injury prevention. Environmental aspects of the position include facility inspections for environmental compliance (e.g. hazardous waste, storm water, air emission control equipment), tracking new regulations that impact operations, working with production staff to ensure environmental compliance, hosting and conducting facility audits, and interacting with clients that have EH&S concerns. Successful candidate will be a self-starter with a positive and motivated attitude. 5 years experience preferred.

e-mail resume to: JBerg@ecsrefining.com

or mail to:

Janet Berg
Human Resources Dept.
ECS Refining
705 Reed Street
Santa Clara, CA 95050

MHA Environmental Consulting, Inc., a woman-owned, small business located in downtown San Mateo, seeks a **Senior Environmental Scientist** with a Masters degree in Geology, Hydrology, Environmental Science, or a related natural resources field.

Minimum 5 years of experience with CEQA/NEPA, Geology, and Hydrology analysis. Must be a team player, fast-learner, and creative thinker with initiative and strong research and communication skills. Position will involve management and preparation of environmental documents and studies for challenging water, land development, planning, and energy projects.

MHA is an equal opportunity employer. We have a flexible work environment with benefits, 401k, bonus and profit sharing programs. Salary commensurate with experience and qualifications.

Please email your resume and cover letter to sesjob@mha-inc.com

Director, Global Safety Surveillance

Req#: 51411042

At **Elan**, we hold a fundamental belief that our science has the potential to improve patients' lives. Our pipeline of developing compounds and investigative therapies reflects our commitment to bring innovative products to patients with unmet needs in the areas of neurodegenerative diseases, autoimmune diseases and severe pain.

Elan's commitment to patients is reflected in all that we do: we are a company driven by the knowledge that our work is important and the desire to make a difference. Elan offers prospective employees exciting challenges, unique opportunities for career growth, and a fast-paced environment that emphasizes innovation and achievement.

PRIMARY OBJECTIVE:

Analyzes, evaluates, and interprets single case and aggregate adverse event data. Prepares internal and external reports. Recommends actions to ensure protection of patients' and public health in connection with Elan Pharmaceuticals' products and the appropriate documentation and communication of relevant safety profile of Elan Pharmaceuticals' products in the applicable labeling documentation. Collaborates with internal business partners to ensure appropriate reflection of pharmacovigilance in clinical trial conduct. Participates in responses to safety related inquiries from regulatory authorities and internal and external business partners. Acts as liaison with affiliate offices in regard to safety related issues. Provides pharmacovigilance training to internal and external audiences. Responsible for assuring compliance with applicable regulations and standard operating procedures for the reporting of adverse events to regulatory agencies and congruence with industry best practices for Pharmacovigilance.

DUTIES/RESPONSIBILITIES:

- Triage adverse events reports and independently provides medical evaluation of single case reports
- Independently analyzes and interprets aggregate safety data per applicable regulation, guidance and/or industry best practices
- Participates in assigned projects and serves as project lead specific to Pharmacovigilance efforts within Global Safety Surveillance and supportive of product development and product commercialization
- Mentors internal sources and leads and participates in training for external audiences
- Participates in the creation of department policies and guidelines
- Acts as project lead for responses to inquiries from regulatory authorities
- Provides scientific expertise
- Acts as liaison with internal and external business partners
- May serve in an individual contributor role or supervise staff

TRAVEL: 10%

MINIMUM REQUIREMENTS:

MD, and/or PhD in medically relevant specialty and 5-7 years relevant experience in the pharmaceutical or biotechnology industry

SKILLS/ABILITIES:

- Medical background, including clinical experience
- Demonstrated knowledge of and ability to interpret and apply local and global safety regulations
- Demonstrated competence in obtaining, analyzing, disseminating, and reporting safety information in compliance with regulations.
- Experience in data analysis and medical evaluation of safety data
- Proficiency with standard desktop and pharmacovigilance computing programs including signal detection and data mining software, and databases (FDA AERS, GRPD) supportive of Drug Safety research
- Experience with preparation of investigational and postmarketing regulatory reports

PREFERRED EDUCATION/EXPERIENCE:

MD, and/or PhD in medically relevant specialty and 7-10 years of relevant experience, including international experience.

SKILLS/ABILITIES:

- Clinical expertise in neurology or autoimmune medical specialty
- International experience
- Extensive knowledge of domestic and international safety reporting regulations
- Strong understanding of Drug Development
- Working knowledge of legal and regulatory principles applicable to safety surveillance
- Comprehensive experience obtaining, processing, analyzing, disseminating, and reporting safety information in compliance with safety regulations.
- Working knowledge of process technology, document management systems and adverse event reporting systems.
- Excellent oral and written communication skills; extensive hands-on supervisory experience.
- Excellent interpersonal and management skills

Apply online at: <http://sh.webhire.com/jobcart/apply.cart>

Req#: 51593010

Primary Objective of Position:

- By direction of the Environmental, Health and Safety Manager the Specialist will be responsible for the execution of ongoing environmental, safety, and health programs for the South San Francisco site.
- To develop the site's environmental, health, safety, and industrial hygiene activities are to include laboratory safety, monitoring of hazardous materials, emergency preparedness, and regulatory record keeping maintenance.
- As to assist in the development of implementation of the site's Environmental, Health and Safety programs, and Corporate Compliance Audit requirements.

Major Duties/Responsibilities:

Environmental ' 25%

- Responsible for the implementation of ongoing environmental, safety and health programs for the SSF campus, as to ensure a safe environment in accordance with EH&S goals and objectives.

- Ensure appropriate regulatory and compliance applications, permits, data reports, records, and documentation are submitted and maintained as required by agencies.
- Interpret regulations and standards, conduct audits, identify potential problems, and to develop and implement appropriate resolutions solutions.
- Will establish and maintain positive working relationships with those contacted in the course of work, with a focus on quality of services to customers.

Health & Safety ' 75%

- Support the sites industrial hygiene programs: air monitoring, chemical hazard control techniques, permissible exposure levels, noise monitoring, ergonomic analysis, job task analysis, process hazard analysis.
- Assist with the accident reporting and near miss program. Assist in these investigations and work with managers to develop improvements to reduce risks.
- Analyze work environments as proper for hazardous conditions, respond to emergency situations, and advise on chemical hazards and exposures.
- Will establish and maintain positive working relationships with those contacted in the course of work, with a focus on quality of services to customers.

Travel:

To be determined.

Exposure to hazards or disagreeable conditions

Exposure to pharmaceutical compounds and chemicals with unstable environmental conditions.

Education Requirements:

Bachelor degree in Safety, Engineering, Science, Industrial Hygiene, or other technical related fields. A secondary degree that is safety related, i.e. Industrial Hygiene, Environmental Engineering/Science, Safety Engineering/Science, or Chemical Engineering preferred.

Experience Requirements:

A two years experience in Safety, Industrial Hygiene, and environmental regulations with a minimum 1-year training experience is required. Five years of experience with biopharmaceutical research and development preferred.

Apply online at: <http://sh.webhire.com/jobcart/apply.cart>

Simpson Strong-Tie (www.strongtie.com) has an immediate opening for a Health, Safety & Environmental Manager to work from our Pleasanton, CA home office.

JOB DESCRIPTION:

- Provide worldwide guidance to all levels of the company for safety, health, environmental, industrial hygiene, and fire protection.
- Coordinate federal, state and local compliance programs at all Simpson Strong-Tie operating locations.
- Ensure that appropriate formal and informal procedures for compliance are operating at each location.
- Audit or assist in annual auditing of each location, coordinate improvement projects. Develop and implement training programs as necessary.
- Coordinate with government regulators, public officials, insurance companies and other consultants as necessary.

DESIRED QUALIFICATIONS:

- Professional Safety, IH or other certification
- Minimum of 5 years experience in ES& H compliance
- Knowledge and experience in machine guarding, air quality, stormwater prevention and other environmental programs
- Excellent communication and training skills
- Ability to work independently in a nonstructured environment, and comfortable working in consensus management scenarios
- Domestic and international travel required.

Minimum Masters degree or Bachelor's degree with significant experience in related field.

Relocation may be negotiated for this position.

All applicants are subject to a drug screening and background investigation.

Simpson Strong-Tie, P.O. Box 10789, Pleasanton, CA 94588

SRI International, a nonprofit research institute, is a pioneer in the creation and application of innovative solutions for governments, businesses, foundations, and other organizations. Since SRI's founding in 1946 as the Stanford Research Institute — our name until 1977 — we have been committed to advancing scientific discovery and education, and to the application of science and technology for knowledge, commerce, prosperity, and peace. SRI is well known for its innovations in communications and networks, computing, economic development and science and technology policy, education, energy and the environment, engineering systems, pharmaceuticals and health sciences, homeland security and national defense, and materials and structures.

Description of Department and type of work:

As **part of the Environmental Health & Safety staff**, this position will be responsible for managing one or two others in a complex matrix-structured organization to ensure regulatory compliance of an interesting and exciting variety of occupational health and safety related issues for cutting-edge research. Primarily, this position is the safety consultant to our Engineering staff in Menlo Park and across the US.

Essential Functions:

Manage the asbestos and lead programs for a 65 acre/40 building campus during renovation and construction projects. Be the primary safety contact for all Engineering divisions in Menlo Park and across the US. Consult with staff on various health and safety-related (OSHA) issues, develop and implement safety programs. Perform training in a variety of EH&S topics. Write and update programs, plans and procedures for regulatory compliance.

Other Duties:

Perform with the emergency response team in response to on-sight emergencies. Travel to other SRI offices and sites to implement safety programs.

Experience and Education Requirements:

Certification in Industrial Hygiene. At least 5 years experience in occupational health issues and 5 years experience in asbestos/lead-based paint compliance. Experience in the supervision of others. Customer oriented with the ability to multitask and interact with all levels of technical and managerial staff.

To Apply: www.sri.com/jobs

Job Req. # 3172

SRI International is Equal Opportunity Employer

Work Site Wellness Specialist (Berkeley)

The University of California, Berkeley, is the preeminent public university in the country. We're also one of the leading employers in the San Francisco Bay Area. We are currently seeking a Worksite Wellness Specialist.

This position is a temporary position funded to address reducing workplace injury and illness through effective worksite health promotion and fitness strategies targeted at departments with high injury rates. Specifically, this position will develop and coordinate a worksite wellness program for Cal Dining employees and also develop specific campaigns to be used in other campus departments with high injury rates, in conjunction with the pilot Department Wellness Program, administered by Health*Matters. The annual salary of this temporary position is \$46,452-\$65,448.

Apply online at: <http://jobs.berkeley.edu> indicating job code 5281

EH&S Specialist

Berlex

Richmond, CA

Berlex, we take pride in knowing that our work is an affirmation of life. It stems from our commitment to advance patient care and to shape the future of medicine. It also connects us to the many lives we serve in the diagnostic imaging, female healthcare, oncology, and CNS markets. As an affiliate of Schering AG, Germany, a global research-based pharmaceutical company, our purpose is to bring diagnostic and therapeutic innovations to the healthcare community. With a vast global network, a robust product pipeline and US revenues exceeding \$1 billion, we offer the opportunity for career fulfillment and the chance to make life the best it can be.

Description:

As the EH&S Specialist you will be responsible for the following EH&S programs including, but not limited to the following: hazardous waste program, stormwater pollution prevention program, elements of our emergency preparedness, response and recovery program, industrial mobile equipment training/certification, confined space entry program, EH&S inspections and monitoring including IIPP inspections, assisting in the radiation safety program and performing other duties as assigned by EH&S management. You will also provide primary supervision over an EH&S Technician.

Qualifications:

BS/BA in Life Sciences or Safety/Environmental Sciences with a 6-8 years experience in a fully mature and fully functional pharmaceutical/biotech EH&S program along with working knowledge of pharmaceutical GMP operations and governmental EH&S regulations are required. A current California UST System Operator International Code Council Certificate or the ability to qualify for this certification within 6 months after accepting the position is also required. The ability to periodically squat and lift up to 30 lbs. is required as well. Excellent verbal and written communication, computer and customer relation skills along with self motivation, initiative, enthusiasm and the ability to productively interact in a multidisciplinary environment are essential components. Prior laboratory experience and advanced degree and/or applicable certifications a plus.

As a member of the Berlex team, you'll find an environment that celebrates diversity and welcomes the open exchange of ideas and individual perspectives. We are proud to offer an attractive salary along with a generous benefits package designed to support the needs of you and your family while addressing work/life balance issues. To learn more about Berlex or to apply online, please visit our website at www.berlex.com. EOE/AA/M/F/D/V.

Manager Environmental Health and Safety

Cell Genesys

Hayward, CA

SUMMARY

The successful candidate will be responsible, in conjunction with departmental management, for ensuring that the company is in compliance with all local, state and federal regulatory requirements relating to environmental health and safety issues. This position will play a leadership role in creating and maintaining the safe and environmentally conscious work culture that CGI's Mission and Goals require.

ESSENTIAL FUNCTIONS

Essential functions include but are not limited to the following:

- Responsible for budgeting and variance justification for EH&S.

- Establish, review and maintain all EH&S programs at all CGI sites, including but not limited to Radiation Safety, Biological Safety, Chemical Safety, Ergonomics, Illness and Injury Prevention, Building Safety, and Fire and Earthquake Preparedness.
- Responsible for managing the Worker's Compensation program including managing all cases, and service providers.
- Monitor performance of EH&S programs and regulatory compliance and provide regular reports to management on overall EH&S performance of CGI.
- Conduct audits of personnel and areas to ensure compliance and advise management in all areas of employee health and safety.
- Supervise staff, consultants or contractors as required.
- Ensure training programs are established and provided for employees and where required, non-employees receive
- Maintain all documentation to meet regulatory requirements.
- Participate in multi-disciplinary teams as necessary to ensure compliance with relevant regulatory agencies.

JOB QUALIFICATIONS (EDUCATION, CERTIFICATIONS, EXPERIENCE)

10 plus years in Environmental Health and Safety profession preferably within the biotech industry. BS ins studies relevant to EH&S. Requires experience in Radiation Safety, Biological Safety, Chemical Safety, Ergonomics and Building Safety.

Experience with implementation of programs within an R&D culture preferred.

Candidate must posses excellent written and verbal communication skills. Must be able to act independently to determine methods and procedures on new assignments.

----- The jobs below were also listed in the October Newsletter -----

Senior EHS Specialist Vaxgen South San Francisco, CA

Responsibilities:

Will be responsible for moderately complex technical work in a wide range of EHS disciplines to achieve compliance with the organization's EHS standards and with federal state and local regulatory requirements. Work under very general direction, independently determining and developing approaches to solutions. Work is reviewed upon completion for adequacy in meeting objectives. Will develop, implement and maintain programs, systems and procedures necessary to ensure the overall safety and health of employees and the community. Monitor and work with different group's management to prevent and/or mitigate chemical, physical and biological hazards that could be present in the work area.

Investigate accidents, injuries and complaints concerning hazards or uncomfortable conditions in the workplace, as well as recommend improvements in processes, design, procedures and operating equipment, to minimize the hazard potential. Develop and conduct employee training in program specialty areas and other EHS programs. Provide regulatory interpretation and technical advice and also maintain current knowledge of specific requirements imposed by government agencies. Program specialties include, but are not limited to, EHS Audit/Inspection Program, Accident Investigation, Hazardous Waste Handling / Management, Ergonomics, Job Hazard Assessment, Process Safety Management, as well as, Select Agent, Radiation Safety, Chemical Hygiene, Biological Exposure Control, Hazard Communication, Emergency Action, Forklift, Electrical Safety, Lockout/Tagout, Contractor Safety and Shipping/Receiving Safety.

Skills/Knowledge Requirements:

The candidate must possess a broad knowledge of theories, principles and techniques in a specific field of EHS, plus good working knowledge of related disciplines. A strong general workplace safety background is preferred. The candidate will apply knowledge to a wide variety of difficult work assignments. Wide use and application of standard principles, theories, concepts and techniques plus working knowledge of related disciplines will be necessary. He/she must be able to network, share knowledge and keep up-to-date with counterparts in the field. Able to work with minimal supervision and able to determine and develop approaches and priorities to work. Knowledge of domestic EHS regulations and laws is essential, in addition to strong interpersonal and communications skills, and organizational and planning abilities needed to handle multiple tasks concurrently. Excellent computer (spreadsheet and database) skills are essential. An M.S. and 3-5 years of experience or a B.S. and 5-7 years of experience is required.

The candidate will perform task decisions guided by established policies and procedures, as well as interpret, executes and possibly modify policies. He/she may act as lead person or technical advisor on small to medium projects.

If interested, contact:

Hilary R. McNulty

Associate Director, Environmental Health & Safety

VaxGen, Inc.

349 Oyster Point Blvd.

South San Francisco, CA 94080

Hmcnulty@vaxgen.com

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: _____

Note: All BAESG-related correspondence will be sent to the email address you list above.

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 ___