California Industrial Hygiene Council

# 24<sup>TH</sup> ANNUAL CIHC CONFERENCE SAN DIEGO, CA



#### "OCCUPATIONAL & ENVIRONMENTAL HEALTH & SAFETY PRACTICE IN THE 21<sup>ST</sup> CENTURY"

DECEMBER 3 – 5, 2014 HOTEL SOLAMAR SAN DIEGO, CA



# 2014 CIHC Conference Program Overview

"Occupational & Environmental Health & Safety Practice in the 21st Century"

#### WEDNESDAY, DECEMBER 3, 2014

<u>TIME</u>	ACTIVITY	LOCATION
7:00-8:00 a.m.	Registration & Continental Breakfast	Solstice Ballroom
		(Buffet in Luna Loft)
8:00 a.m.	Conference Opening	Solstice Ballroom
8:05 a.m.	Morning Session "Regulatory Updates & Hot Topics"	Solstice Ballroom
10:10 a.m.	Exhibitor Demonstration and Exhibits	Luna Loft
10:40 am	Morning Session (Cont.) "Regulatory Updates and & Hot Topics"	Solstice Ballroom
Noon-1:30 p.m.	KEYNOTE LUNCHEON – DR. JOHN HOWARD, DIRECTOR, NIOSH	Solstice Ballroom
		(Buffet in Luna Loft)
1:30 p.m.	Afternoon Session "Risk Assessment – Art or Science"	Solstice Ballroom
2:55 p.m.	Exhibitor Demonstration and Exhibits	Luna Loft
3:20 p.m.	Afternoon Session (Cont.) "Risk Assessment – Art or Science"	Solstice Ballroom
5:15 p.m.	Conference Day One Adjourns	
5:30-7:00 p.m.	CIHC Evening Social Event	Solamar Terrace
	THURSDAY, DECEMBER 4, 2014	
7:00-8:00 a.m.	Registration & Continental Breakfast	Solstice Ballroom
		(Buffet in Luna Loft)
8:00 a.m.	Morning Session "Total Worker Health"	Solstice Ballroom
10:00 a.m.	Exhibitor Demonstration and Exhibits	Luna Loft
10:30 a.m.	Morning Session (Cont.) "Total Worker Health"	Solstice Ballroom
Noon-1:30 p.m.	Lunch on your own	
1:30 p.m.	Afternoon Session "Cross-Over EHS Issues"	Solstice Ballroom
3:00 p.m.	Exhibitor Demonstration and Exhibits	Luna Loft
3:30 p.m.	Afternoon Session (Cont.) "Cross-Over EHS Issues"	Solstice Ballroom
5:00 p.m.	Conference Day Two Adjourns	
	FRIDAY, DECEMBER 5, 2014	
7:00-8:00 a.m.	Registration & Continental Breakfast	Solstice Ballroom
		(Buffet in Luna Loft)
8:00 a.m.	Morning Session "Product Stewardship & Sustainability"	Solstice Ballroom
9:55 a.m.	Break	Luna Loft
10:10 a.m.	Morning Session (Cont.) "Product Stewardship & Sustainability"	Solstice Ballroom
Noon-1:30 p.m.	Lunch on your own	
1:30 p.m.	Afternoon Session "Case Studies – Learning from Experience"	Solstice Ballroom
2:35 p.m.	Break	Luna Loft
2:45 p.m.	Afternoon Session (Cont.) "Case Studies – Learning from Experience"	Solstice Ballroom
4:45 p.m.	Conference Closing and Raffle	Solstice Ballroom
5:00 p.m.	Conference Adjourns	

Note: For the detailed speaker agenda, please see the tab for each day



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Pamela Murcell, CIH KWA Safety & HAZMAT Consultants, Inc. El Dorado, CA

Jaime Steadman-Lyde, CIH Health Science Associates Los Alamitos, CA

James L. Unmack, PE, CIH, CSP, DEE Unmack Corporation San Pedro, CA

#### Special Advisors:

Patricia Beach, MS, CIH Harris & Lee Environmental Sciences, LLC San Francisco, CA

Mike Cooper, MPH, CIH Exponent/Failure Analysis Menlo Park, CA

Larry Gibbs, MEd, MPH, CIH Stanford University Palo Alto, CA

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Deb Martin, MS, CIH Sustainability Accounting Standards Board San Francisco, CA

Vicki Wells, MS, CIH, CSP Director, Occupational Safety & Health San Francisco Department of Health San Francisco, CA

Sacramento Advocacy: Catherine Barankin CIHC Legislative Office Sacramento, CA

#### Dear Colleagues:

On behalf of the CIHC Board, I welcome you to the 24th annual conference of the California Industrial Hygiene Council. The Council represents California's five AIHA Local Sections in the Sacramento State Capitol and beyond, with a very clear mission:

- Promote the Industrial Hygiene profession in California.
- Increase recognition of Industrial Hygiene in legislative and regulatory actions.
- Promote sound scientific and technologic input into the legislative and regulatory process.

We worked diligently this past year to meet our three-pronged mission. California's increasing regulatory oversight of toxic chemicals and other occupational health risks has provided the CIHC opportunities to weigh in issues which impact our membership and business in general. We successfully lobbied for inclusion of language into the recently passed Hazard Evaluation System and Information Service (HESIS) bill that ensured the Chief of HESIS consulted with the Director of Industrial Relations and the Chief of the Division of Environmental and Occupational Disease Control in the State Department of Public Health prior to requiring chemical manufacturers, formulators, suppliers, distributors, importers, and their agents to supply the names and addresses of customers who have purchased certain chemicals, as specified by HESIS. We continued our active participation in a variety of Cal/OSHA Advisory Committee processes, including hotel housekeeping, heat illness prevention, repeat violations, occupational exposure to antineoplastic drugs, along with monitoring implementation of the Safer Consumer Products regulations.

On the national level, the CIHC collaborated with our national AIHA risk assessment colleagues to provide comments on the NIOSH Revised Carcinogen Policy, signed on to the "Friends of NIOSH" letter supporting stable NIOSH funding in FY 2015 along with maintaining representation on the national AIHA Board.

The CIHC has once again been able to achieve its goals without going back to the membership to request additional monetary commitments. One of the ways we accomplish this is by sponsoring a first-rate annual conference, which brings together professionals from various sectors to leverage each other's perspectives and learning.

We invite you to become familiar with our website at CIHConline.com and visit it often to monitor our activities. We encourage you to provide input on the CIHC Board's activities that impact our profession and the health of workers and our community. We also encourage you to get involved with our organization at the local or state level. New blood brings new ideas!

Sincerely,

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Edward J. Klinenberg, Ph.D., MBA, MS, CIH President, California Industrial Hygiene Council

November 18, 2014

# **Overview of CIHC**

#### Purpose

- Establish a legislative presence in the State Capitol through professional representation
- Keep the industrial hygiene professional intact by opposing any further erosion or limitation of practice by legislation or regulation
- Seek recognition in statutes defining, recognizing, and protecting the profession of industrial hygiene
- Provide sound scientific and technological input to the legislative and regulatory process

#### Legislative Services

- CIHC contracts with Sacramento Advocacy to provide legislative support
- Professional legislative support is essential especially during the current state economic climate where many health and safety programs are or have been considered for elimination or modification
- CIHC Directors, representing five local American Industrial Hygiene Associations (AIHA), volunteer their time to support CIHC activities

#### Activities

- Review and monitor legislation (each year, the CIHC Board reviews hundreds of bills, screened by the CIHC Legislative Office, which may impact the industrial hygiene profession)
- Sponsor legislation
- Review regulations
- Sponsor the annual CIHC Conference
- Coordinate with AIHA National Governmental Affairs

#### **Major Accomplishments**

- Defined Industrial Hygienist in State Law (H&S Code 117672)
- Initiated and Sponsored the Industrial Hygienist Definition and Registration Act (B&P Code Sections 20700-20705)
- Established a legislative presence in Sacramento
- Negotiated by reducing the number of days for lead training course for CIHs to three days
- Negotiated the exemption for Trauma Scene Waste Management Practitioner requirement
- Monitored rewrite of the Professional Engineers Act
- Sponsored laboratory accreditation legislation
- Sponsored successful legislation to allow a CIH or other qualified professional to provide lead poisoning prevention services
- Garnered strategic legislative amendments to the Toxic Mold Protection Act of 2001 assuring the participation of IH's in developing standards to identify, evaluate, and abate mold
- Submitted formal input on the following proposed regulations: heat illness prevention, green chemistry, lead in paint from developing countries, globally harmonized hazard communication systems, and building standards

#### Annual CIHC Conference

- Provides a statewide forum to discuss issues of concern to the industrial hygiene profession
- Provides educational opportunities for industrial hygienists and allied professionals
- Strengthens ties and establish alliance among the occupational health and safety professionals
- Provides an opportunity to consult, network, collaborate among industrial hygienists and other professionals
- Raises funds to support the CIHC organization by continuing services provided by Sacramento Advocacy

# 2014 CIHC Board Roster

#### **Northern CA Section Directors**

Stephen Derman, AIHA Fellow MediSHARE Environmental Health & Safety Services 21801 Stevens Creek Boulevard, Suite 3 Cupertino, CA 95014 Phone: 408-330-7508 Fax: 408-727-8277 sderman@medishareehs.com

#### Chris Laszcz-Davis, MS, CIH, REP, AIHA Fellow

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#### ALTERNATE

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#### San Diego Section Directors

#### Gloria Chan, CIH

**CIHC Vice-President** Aurora Industrial Hygiene 9666 Businesspark Ave, Suite 102 San Diego, CA 92131 Phone: 619-276-5901 gchan@auroraih.com

#### Samantha Chua, MS, CIH CIHC Secretary

General Atomics PO Box 85608 San Diego, CA 92186-5608 Phone: 858-455-2016 samantha.chua@ga.com

#### ALTERNATE

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#### **Orange County Section Directors**

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#### Howard Spielman, CIH, PE, CSP,

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#### Edward Klinenberg, PhD, CIH CIHC President

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#### **Southern CA Section Directors**

Nola J. Kennedy, PhD, CIH California State University, Northridge Department of Environmental and Occupational Health 18111 Nordhoff Street Northridge, CA 91330-8412 Phone: 818-677-2347 Fax: 818-677-7411 nola.kennedy@csun.edu

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#### ALTERNATE

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#### **Special Advisors**

Patricia Beach, MS, CIH Harris & Lee Environmental Science, LLC San Francisco, CA

**Mike Cooper**, MPH, CIH Exponent/Failure Analysis Menlo Park, CA

Larry Gibbs, MEd, MPH, CIH Stanford University Palo Alto, CA

**Michael Jayjock**, PhD, CIH The Lifeline Group, LLC Langhorn, PA

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# Welcome from Conference Co-Chairs

#### Welcome to the 24th Annual CIHC Conference!

It is our pleasure to co-chair the 24th Annual California Industrial Hygiene Conference in San Diego, and to welcome our colleagues in the California environmental, health and safety community, including scientists, regulators and industry representatives. We hope you will enjoy this opportunity to meet and connect with *your* friends and colleagues from around the State to discuss the ever-changing landscape of our field and learn about best practices, while fulfilling your personal goals for attending this year's conference.

We know that the success of the conference ultimately depends on the many people who have worked with us in planning and organizing both the technical program and supporting social arrangements. In particular, we would like to thank the Session Arrangers for their diligence and well-placed suggestions on organizing the technical program; the Conference Committee for their hard work on planning and organizing the many logistical details, and our Sponsors who help us keep the "price of admission" down for all conference participants.

In keeping with the "Occupational & Environmental, Health & Safety Practice in the 21st Century" conference theme this year, attendees can access presentations and materials via the CIHC website to reduce paper use.

If you are collecting hours or points for your CIH or CSP professional certifications, be sure to sign in at the registration table when you pick up your badge and program materials. If you are collecting hours for the REHS professional certification, be sure to sign in at the registration table each day so that your attendance certificate reflects all days attended.

Please feel free to connect with us, any of the CIHC Board members, or the conference volunteers if you have any questions about the program. We value your input on this year's conference, and use our attendees' comments for improvements in the future. In that regard, take a few minutes to complete a conference evaluation. Conference and individual session evaluations are available online at: https://www.surveymonkey.com/s/CIHC2014

We hope you enjoy this educational opportunity in California designed especially for you! Thank you for being here!



Pamela Murcell Conference Co-Chair Sacramento Valley Local AIHA Section



Gloria Chan Conference Co-Chair San Diego Local AIHA Section

# 24th Annual CIHC Conference Committee

The CIHC Board would like to express its sincere appreciation to those wo have donated their time and skill to making this conference a success. While the following list does not reflect all the resources tapped to make things work, it does reflect those who did much of the heavy lifting early on. Out many thanks to all!

Committee Member	Role	
Gloria Chan, San Diego Section	Conference Co-Chair (logistics lead)	
Pamela Murcell, Sacramento Valley Section	Conference Co-Chair (program lead)	
Gloria Chan, San Diego Section	Registration	
Nola Kennedy, Southern California Section	Registration	
Ann Graham, San Diego Section	Registration	
Samantha Chua, San Diego Section	Communications, Web Site Support	
Ed Klinenberg, Sacramento Valley Section	Communications, Web Site Support	
Touti Phommachakr, Northern California Section	Web Site Support	
Tom Jordan, Orange County Section	Exhibitors/Sponsors	
Rene VanVreeswyk, San Diego Section	Exhibitors/Sponsors	
Jim Unmack, Orange County Section	Audio/Projection	
Steve Derman, Northern California Section	Audio/Projection	
Samantha Chua, San Diego Section Conference Program Materials		
Gloria Chan, San Diego Section	Conference Program Materials	
Pamela Murcell, Sacramento Valley Section	Conference Program Materials	
Gloria Chan, San Diego Section	Conference Social Event	
Ed Klinenberg, Sacramento Valley Section	CA Local Section Presidents & President-Elects Lunch with the CIHC President	
Gloria Chan, San Diego Section		
Steve Derman, Northern California Section	ABIH/BCSP/REHS contact hours	
Gloria Chan, San Diego Section	Arrangement for donation to AIHF on behalf of Speakers	
Chris Laszcz-Davis, Northern California Section	Session Arranger	
Howard Spielman, Orange County Section	Session Co-Arranger	
Jaime Steedman-Lyde, Southern California Section	Session Co-Arranger	
Robert Bacci, Northern California Section	Session Co-Arranger	
Ed Klinenberg, Sacramento Valley Section	Session Co-Arranger	
Tim Bormann, Northern California Section Session Co-Arranger		
Joel Berman, Orange County Section	Session Co-Arranger	
Dallas Cowan, San Diego Section	Session Co-Arranger	
Richard Bohrer, Sacramento Valley Section	Session Co-Arranger	
Dennis Robinson, Northern California Section	Session Co-Arranger	
Pamela Murcell, Sacramento Valley Section	Session Co-Arranger	



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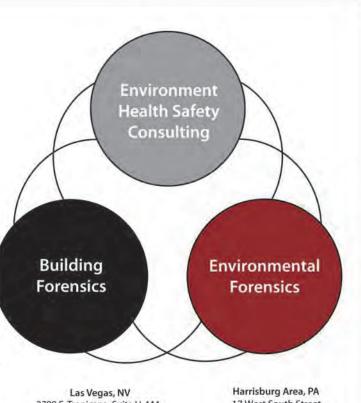
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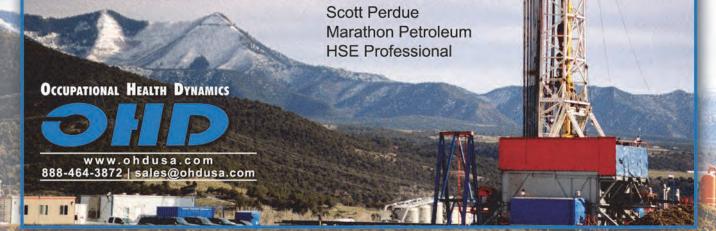
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# Notes of Interest

#### Handout Materials

Conference attendee binder and speaker presentations and materials were made available to the 2014 CIHC Conference attendees in advance. These files are available on the CIHC website at:

https://www.cihconline.com/presentations2014.html

Username: Conf2014 Password: Sandiego2014

Additional materials may be added and all materials will be available following the conference for your convenience.

#### iPad Raffle

Fill out a ticket at the registration table and place it in the raffle entry container. One ticket per attendee. The raffle winner will be selected and announced just prior to the close of the conference on Friday afternoon. Must be present to win! All registered conference attendees are eligible to win. CIHC Board members are ineligible.

#### **Attendance Certificates**

Personalized certificates will be emailed following the conference to each attendee before December 15, 2014. Contact CIHC at cihconline@gmail.com, if you don't receive your attendance certificate.

#### CIHC 2014 Conference Evaluations

Session Evaluations are available online via your computer or mobile device at:

https://www.surveymonkey.com/s/ CIHC2014

Also available via QR code:





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# Tab "Wednesday"

# Tab

# "Wednesday"

### **2014 CIHC CONFERENCE**

#### "OCCUPATIONAL & ENVIRONMENTAL HEALTH & SAFETY PRACTICE IN THE 21ST CENTURY"

#### Wednesday, December 3, 2014

Morning Session Theme - "Regulatory Updates & Hot Topics"

7:00-8:00 a.m.	Registration & Continental Breakfast (Solstice Ballroom, Buffet in Luna Loft)		
8:00 a.m.	Welcome — Pamela Murcell, CIH, Conference Co-Chair, CIHC Board, KWA Safety & HazMat Consultants, Inc.		
8:05 a.m.	Welcome — Chris Laszcz-Davis, MS, CIH, AIHA Fellow, CIHC Board, The Environmental Quality Organization, LLC		
8:10 a.m.	CIHC Update — Dr. Ed Klinenberg, CIH, CIHC Board President, Northrop Grumman		
8:20 a.m.	California Legislative Update — Cathy Barankin, Sac Advocacy		
8:50 a.m.	Federal Legislative and Regulatory Update — Aaron Trippler, Director, Governmental Affairs, National AIHA		
9:25 a.m.	Key California Environmental Regulations/Legislation & Impact on EHS — Karen J. Nardi, Esq, Partner, Arnold Porter LLP		
10:10 a.m.	Exhibitor Demonstration and Exhibits (Luna Loft)		
10:40 a.m.	Business, Cultural and Demographic Trends, Challenges & Promise — Lance Descourouez, Chairman, Vistage International		
11:20 a.m.	California Department of Public Health Update — Dr. Barbara Materna, Chief, Occupational Health Branch		
Noon-1:30 p.m.	KEYNOTE LUNCHEON – DR. JOHN HOWARD, DIRECTOR, NIOSH (Solstice Ballroom, Buffet in Luna Loft)		
	Afternoon Session Theme - "Risk Assessment – Art or Science"		
1:30 p.m.	Welcome — Howard Spielman, PE, CIH, CSP, CIHC Board, Health Science Associates, and Jaime Steedman- Lyde, CIH, CIHC Board, Health Science Associates		
1:35 p.m.	Risk Assessment Overview — Stephen T. Washburn, Principal & CEO, Environ Corporation		
2:15 p.m.	OELs—The Global Landscape — Chris Laszcz-Davis, MS, CIH, AIHA Fellow, CIHC Board, National AIHA Board Member, President, The Environmental Quality Organization, LLC		
2:55 p.m.	Exhibitor Demonstration and Exhibits (Luna Loft)		
3:20 p.m.	Health-Based OELs — Renee Kalmes, MSPH, CIH, Sr. Managing Scientist, Exponent		
4:00 p.m.	NIOSH's Occupational Hazard Banding Initiative — Dr. Lauralynn Taylor McKernan, CIH, Commander U.S. PHS, Deputy Director, Education and Information Division, NIOSH		
4:40 p.m.	Panel Discussion		
5:15 p.m.	Conference Day One Adjourns		
5:30-7:00 p.m.	CIHC Evening Social at the Hotel Solamar (Solamar Terrace)		

San Diego, California

December 3-5, 2014

#### California Industrial Hygiene Council Update



#### Edward Klinenberg, PhD, CIH

Senior EHS Representative Northrop Grumman Information Systems

Dr. Ed Klinenberg is the current President of the California Industrial Hygiene Council. He is a Board Certified Industrial Hygienist with over 25 years of experience in industrial hygiene, EHS Management, emergency response, and ergonomics including a variety of technical and management positions with the United States Air Force, Lawrence Livermore National Laboratory, and Northrop Grumman Systems Corporation. Dr. Klinenberg holds a Doctor of Philosophy degree in Environmental Health Sciences, specializing in ergonomics, from the University of California, Berkeley, a Master of Science degree in Biomedical Engineering from Northwestern University, and a Master of Business Administration degree from Columbia Southern University.




San Diego, California

December 3-5, 2014

#### **California Legislative Update**



#### **Catherine Barankin**

Sacramento Advocacy

Catherine has been a professional advocate for over thirty-six years, and established the lobbying firm Sacramento Advocacy in 1977. She has received numerous awards for her advocacy work and is a frequent guest speaker at conferences and public policy workshops. She has also been a columnist for the Sacramento Bee.

In addition to representing the interests of the California Industrial Hygiene Council before the Legislature and state agencies, Catherine also conducts advocacy trainings, and along with her husband, Dr. Joseph Barankin, is the author of "The Advocacy Handbook".

Ms. Barankin's background prior to lobbying included serving as the Director of Public Relations for Southern California College, Assistant Editor of Forum 50 magazine and television news reporting for Channel 50 in Southern California. While attending college, Catherine majored in speech and communications and was awarded the Bell Scroggins Award as the "Most Outstanding Woman Debater in the Nation". She was selected as the commencement speaker and was the recipient of the Alumni Hall of Fame award from her college for her outstanding legislative accomplishments. Catherine's volunteer activities include membership on the YMCA of Superior California Board of Directors and on the YMCA Youth and Government Board. She also was a founding board member of the Sacramento Court Appointed Special Advocates (CASA), a program which represents dependent children in the juvenile court system.




San Diego, California

December 3-5, 2014

#### Federal Legislative and Regulatory Update



#### **Aaron Trippler**

Director of Government Affairs American Industrial Hygiene Association

Aaron Trippler is Director of Government Affairs for the American Industrial Hygiene Association (AIHA). Mr. Trippler directs government affairs for more than 70 local sections and is chief liaison with Congress and federal agencies. He has served in this capacity since 1992, when he developed the AIHA government affairs program.

In directing federal affairs, Aaron is responsible for following all federal legislation and regulations, as well as drafting AIHA Congressional testimony and working with numerous federal agencies on the public policy issues of AIHA. Aaron was listed on the 2012 ISHN "Power 101" list, depicting the top movers and shakers in the health and safety industry.

Aaron also directs state government affairs for AIHA, annually reviewing more than 10,000 pieces of state legislation and regulations affecting the profession of industrial hygiene and testifying when needed.

Aaron has 35+ years in federal and state government affairs and has developed government affairs programs for three national associations. He holds a BS degree in Business Administration.




San Diego, California

December 3-5, 2014

#### Key California Environmental Regulations/ Legislation & Impact on EHS



#### Karen J. Nardi, Esq

Partner Arnold Porter, LLP

Karen Nardi, a Partner in the firm's San Francisco office, is a member of the Environmental Practice Group. She counsels clients on environmental regulations and represents them in enforcement actions. She also works with companies to manage liabilities in business transactions.

A poll published by GC California magazine in December 2008 named Ms. Nardi the top environmental compliance attorney in California. She has also been included in the Super Lawyers list of Northern California's top attorneys eleven years in a row. In the 2012 edition of Chambers, she was praised as a go-to expert for compliance and enforcement issues, and clients noted that she "knows practical solutions because of her superb experience."

Ms. Nardi holds a Master's degree in Public Policy from the Goldman School at UC Berkeley. She has been a legislative analyst for the California State Assembly and an intern at the Congressional Budget Office in Washington, DC. She is co-author of several books, including the Environmental Law Handbook and Brownfields Law and Practice.

COMPLIANCE AND ENFORCEMENT—Ms. Nardi counsels clients on wide range of environmental and safety laws. She works with clients to conduct audits, develop compliance programs, obtain permits and variances, and resolve civil enforcement actions. She also helps clients comply with the National Environmental Policy Act (NEPA) on major construction and transportation projects.

AUDITS—Ms. Nardi works with companies in different industries to audit environmental, health, and safety (EH&S) management systems and regulatory compliance.

OSHA, INDUSTRIAL SAFETY, AND 911—Ms. Nardi counsels clients on compliance with safety laws and helps them resolve OSHA citations. She also helps clients investigate serious injury accidents and manage the resulting enforcement and third party claims. She has assisted a number of clients in coordinating emergency response, notification, and internal investigations in connection with serious fires, explosions, and fatality accidents. She has experience with audits involving industrial process safety and emergency response.

ENVIRONMENTAL DUE DILIGENCE—Ms. Nardi represents purchasers and sellers of contaminated properties and businesses with significant environmental liabilities. She coordinates environmental due diligence efforts and works with clients to allocate environmental liabilities in acquisitions, mergers, and real property transfers. She also assists clients to obtain environmental insurance.

*SITE CLEANUPS*—Ms. Nardi assists clients in the cleanup of contaminated properties nationally. She also helps companies resolve disputes over the allocation of cleanup costs via negotiation, mediation, arbitration, and litigation. Her work includes complex Superfund sites, properties with industrial solvents and agricultural pesticides, and numerous underground storage tank sites.

BROWNFIELDS AND BASE CLOSURES—Ms. Nardi has worked with many clients to redevelop Brownfields properties. She brings a practical understanding of the risks inherent in redeveloping contaminated property and the legal tools and engineering controls used to manage these risks. She has worked on environmental cleanups at military bases that are being converted to new uses in their communities. She has also helped prospective buyers, property owners and responsible parties deal with the emerging issue of "vapor intrusion"- the migration of chemicals from groundwater into buildings, potentially impacting the health of building occupants.

PRO BONO—Ms. Nardi has been a volunteer attorney at Legal Services for Children (LSC) where she obtains guardianships for children whose parents are unable to care for them. She served on the Board of Directors for LSC from 2004 -2013. She also does pro bono work for the National Parks Conservation Association, devoted to the protection of our national parks.




San Diego, California

December 3-5, 2014

#### Business, Cultural and Demographic Trends, Challenges & Promise



#### Lance Descourouez, MA, MSOD

Chairman Vistage International

Mr. Descourouez is president of LCI Global Communications (training and consulting firm specializing in cross-cultural communications and a global OD) and Lance Consulting (a CEO executive coaching firm). He has over 20 years of intercultural training and management consulting experience in 32 countries. He specializes in organizational assessment, multinational team building, cross-cultural communication, technology transfer, team decision-making and conflict management. He has worked extensively with such companies as AMD, AT&T, Avon, DuPont, Exxon/Mobile, Fujitsu, GE, GM, Hewlett-Packard, Intel, The Gap, Levi Strauss & CO., and Union Carbide. In addition to US managers and expatriates, Mr. Descourouez has trained numerous foreign nationals on U.S. business practices, communication styles and bicultural team-building. These individuals and corporate clients have included the senior directors of the Tainjin Cigarette Factory; key governmental accountants for the Ministry of Finance, PRC; newly hired Chinese representatives for Deloitte & Touche; Malaysian design engineers for Hewlett Packard; aerospace engineers with the Space Program Office, ROC and Korean Aerospace Research Institute; and petroleum engineers with the Kuwait Petroleum Corporation. He as counseled over 5000 families relocating to 63 countries. Mr. Descourouez holds a Master of Arts degree in Social Psychology from The American University, Washington, DC and a Master of Science degree in Organization Development from The American University /National Training Labs, Washington, DC.




San Diego, California

December 3-5, 2014

#### California Department of Public Health Update



#### Barbara Materna, PhD, CIH

Chief

Occupational Health Branch

Barbara Materna, PhD, CIH, is the Chief of the Occupational Health Branch, in the California Department of Public Health. Dr. Materna is a Certified Industrial Hygienist with over 30 years of occupational health experience working for the most part in state and local government public health programs. She holds a Ph.D. in Environmental Health Sciences from UC Berkeley, M.S. in Environmental Health Sciences from Hunter College, City University of New York, and B.S. in Chemistry from the University of Rochester. Her work has focused on diverse topics including occupational lead poisoning prevention, wildland firefighter exposures, injuries among refuse collectors, lung disease related to flavoring chemicals, and the use of respiratory protection for prevention of aerosol transmissible diseases.




San Diego, California

December 3-5, 2014

#### Keynote Luncheon Speaker



#### John Howard, MD, MPH, JD

Director NIOSH

John Howard is the Director of the National Institute for Occupational Safety and Health in the U.S. Department of Health and Human Services. Dr. Howard also serves as the Administrator of the World Trade Center Health Program in the U.S. Department of Health and Human Services. Dr. Howard was first appointed NIOSH Director in 2002 during the George W. Bush Administration and served in that position until 2008. In 2008 and 2009, Dr. Howard worked as a consultant with the U.S. Government's Afghanistan Health Initiative. In September of 2009, Dr. Howard was again appointed NIOSH Director in the Barak Obama Administration.

Prior to his appointments as NIOSH Director, Dr. Howard served as Chief of the Division of Occupational Safety and Health in the State of California's Labor and Workforce Development Agency from 1991 through 2002.

Dr. Howard received a Doctor of Medicine degree from Loyola University of Chicago, a Master of Public Health degree from the Harvard School of Public Health, a Doctor of Law degree from the University of California at Los Angeles, and a Master of Law degree in Administrative Law and Economic Regulation from The George Washington University in Washington, D.C.

Dr. Howard is board-certified in internal medicine and occupational medicine. He is admitted to the practice of medicine and law in the State of California and in the District of Columbia, and he is a member U.S. Supreme Court bar. He has written numerous articles on occupational health law and policy.




San Diego, California

December 3-5, 2014

#### **Risk Assessment Overview**



#### Stephen T. Washburn

Principal & CEO Environ Corporation

Stephen T. Washburn, B.S.E., M.S., is a Principal and the Chief Executive Officer at ENVIRON. He has over 25 years of experience in environmental science and engineering, with special emphasis on chemical exposure and risk assessment. Specific areas of expertise include chemical fate and transport, exposure assessment, risk assessment, risk-based property evaluation and remediation, product stewardship, and air quality assessment. He has provided litigation support and acted as an expert witness on a range of matters related to exposure assessment and risk assessment.



San Diego, California

December 3-5, 2014

#### **OELs—The Global Landscape**



#### Chris Laszcz-Davis, MS, CIH, AIHA Fellow, AIC Fellow

President, The Environmental Quality Organization, LLC Affiliated, Aluminium Consulting Engineers

As Founder and President of The Environmental Quality Organization (EQO) LLC, Chris Laszcz-Davis has over thirty (30) years of executive management, professional, operational, technical and consulting experience in environmental affairs, occupational health and safety, operational integrity, risk management, product stewardship and corporate acquisitions/divestitures in industry and government. She is also presently affiliated with the internationally-based Aluminium Consulting Engineers (ACE) which services the aluminum mining, smelting and fabricating industries.

As former Corporate Vice-President, Environmental Affairs, Health, Safety (EH&S), Product Stewardship & Operational Integrity for Kaiser Aluminum & Chemical Corporation, Chris helped lead the corporation's initiatives to reshape its EH&S culture, expand its global EH&S horizons to address the full life cycle of its organization's aluminum, refractory and chemical operations, and integrate its EH&S workings into the fabric of the operational line organization. Prior to industry, Chris worked for the US Department of Energy (DOE) in both Washington DC and the west coast as a regional EH&S Manager.

Chris is a national American Industrial Hygiene Association (AIHA) Fellow, a national American Institute of Chemists (AIC) Fellow, and a recipient of the national AIHA's Kusnetz Award, the national AIHA's Alice Hamilton Award, the AIHA-Yuma Pacific Southwest Section's Clayton Award and the AIHA-Northern California Section's Dr. Christine Einert Award. As a Past President, American Academy of Industrial Hygiene (AIH), Chris was instrumental in having the profession sponsor its first major Fall conference on Risk Assessment in Vancouver, British Columbia, Canada back in the early 1990's. Industrial Safety & Hygiene News (IHSN), with a readership of over 100,000 nationally, recognized Chris as one of the 101 most influential EHS leaders in the country in 2011-2012.

Service to the global professional community has earmarked Chris's career. Over the years, she has served as a Director, American Conference of Governmental Industrial Hygienists (ACGIH); Director, American Board of Industrial Hygiene (ABIH); Trustee, American Industrial Hygiene Foundation (AIHF); Appointee to both the International Occupational Hygiene Association (IOHA) and American Association for the Advancement of Science (AAAS); U.S. Department of Commerce appointed member, Board of Examiners, Malcolm National Quality Award; and President of both AIHA's Northern California and Yuma Pacific Southwest Local Sections. She is presently a Director of the national AIHA Board and Past-President, California Industrial Hygiene Council (CIHC), a state wide EHS legislative advocacy group focused on bringing sound science into the region's very active legislative/regulatory process.

Chris lectures frequently, has authored numerous articles and chapters, and has been instrumental in orchestrating three national AIHA telewebs on various subjects. She continues to assume collaborative leadership team building and mentoring roles in bringing cutting edge subjects (such as climate change, sustainability, product stewardship, exposure limits and renewable energy alternatives) into the EH&S dialogue. Chris received her Bachelor of Science (BS) degree in Chemistry and Biology from Notre Dame and her Masters of Science (MS) degree in Environmental Health Sciences from the University of Minnesota.

On a personal note, Chris is a huge advocate of two basic philosophies-- "Wherever you go, go with all your heart....and "Believe in the power of one—one person can truly make a difference".




San Diego, California

December 3-5, 2014

### Health-Based OELs



### Renee Kalmes, MSPH, CIH

Sr. Managing Scientist Exponent

Renee Kalmes, MSPH, CIH, is a senior managing scientist at Exponent and Director of their Oakland California office. She is a certified industrial hygienist with over 25 years of health risk assessment experience. In this role, she is responsible for designing, conducting and managing technical studies addressing environmental and occupational impacts of chemical agents. She has evaluated potential exposure to metals, pesticides, dioxin/furans, volatile organic chemicals, and petroleum products in soil, groundwater and air and developed health-based clean-up levels and other risk management recommendations. She has taught numerous courses on risk assessment at the University of California Extension program. Renee received her BS in Environmental Sciences from Purdue University and her MS from the University of North Carolina at Chapel Hill, North Carolina.




San Diego, California

December 3-5, 2014

### NIOSH's Occupational Hazard Banding Initiative



### Commander Lauralynn Taylor McKernan, ScD, CIH

Commander U.S. PHS, Deputy Director Education and Information Division, NIOSH

Dr. Taylor McKernan currently serves as Deputy Division Director of NIOSH's Education and Information Division. She has 20 years experience covering a large cross section of industrial hygiene and environmental assignments dealing with such matters as beryllium, bioaerosols, perchloroethylene, lead, Anthrax, tuberculosis, pandemic flu, emergency response, flavoring chemicals, and the Deepwater Horizon Oil Spill Response. For the past two years she has led NIOSH's health hazard banding project to derive occupational exposure bands when limited chemical information exists.







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### 2014 CIHC CONFERENCE

"Occupational & Environmental Health & Safety Practice in the 21st Century"

#### Thursday, December 4, 2014

Morning Session Theme - "Total Worker Health"

7:00-8:00 a.m.	Registration &	<b>Continental Breakfast</b>	(Solstice Ballroom,	Buffet in Luna Lof	t)
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- 8:00 a.m. Welcome Robert Bacci, CIH, CSP, Nektar Therapeutics, and Ed Klinenberg, PhD, CIH, CIHC Board President, Northrop Grumman
- 8:05 a.m. How Interdisciplinary View of Health and Wellbeing is Greater than the Sum of the Parts Dr. Cristina Banks, Director of the Interdisciplinary Center for Healthy Workplaces, University of California, Berkeley
- 8:55 a.m. Mindfulness: Promoting Total Worker Health and Safety by Being in the Moment Dr. Jessica Drew de Paz, Mindfulness & Safety Research Coordinator, University of California, Irvine
- **10:00 a.m.** Exhibitor Demonstration and Exhibits (Luna Loft)
- 10:30 a.m. Emerging Issues in Organizational Violence James S. Cawood, President, Factor One
- 11:25 a.m. Advancing California's Workplace, Safety and Health in the 21st Century Christine Baker, Director, State of California-Department of Industrial Relations

#### Noon-1:30 p.m. Lunch on your own

Afternoon Session Theme - "Cross-Over EHS Issues"

- 1:30 p.m. Welcome Tim Bormann, CIH, The Cohen Group, and Joel Berman, CIH, CIHC Board, Health Science Associates
- 1:35 p.m. Process Safety Management Safety in the Refinery Sector: California's New Prevention Framework Dr. Michael Wilson, MPH, Chief Scientist, State of California-Department of Industrial Relations
- 2:20 p.m. Electrical Safety/NFPA 70E (2015 Edition): A "Flash" Forward Overview of Standard Revisions Paul A. Zoubek, CSP, CIH, AIHA Fellow, President/Principal Consultant, Zoubek Consulting, LLC
- **3:00 p.m.** Exhibitor Demonstration and Exhibits (Luna Loft)
- 3:30 p.m. Social Media & Technology How is It Shaping the Profession? *Michael Rosenow, MPH, CIH, CSP, Argonne National Laboratory, National AIHA Board Member*
- 4:15 p.m. Fall Protection: Update and New Technology David Dickinson, Senior Territory Sales Manager, Mine Safety Appliances
- 5:00 p.m. Conference Day Two Adjourns

San Diego, California

December 3-5, 2014

### How Interdisciplinary View of Health and Wellbeing is Greater than the Sum of the Parts



### Cristina Banks, PhD

Director of the Interdisciplinary Center for Healthy Workplaces University of California, Berkeley

Cristina Banks is Director of the Interdisciplinary Center for Healthy Workplaces, a global center for research of employee health and well-being, whose mission is to create a new organizational template that promotes the health and wellbeing of all employees based on science. Dr. Banks is also a Senior Lecturer at the Haas School of Business where she teaches Organizational Behavior and Human Resource Management. She has 35 years experience founding and leading two organizational consulting firms which focused on job analysis, job design, organizational policies and procedures, performance management and organizational strategy. She is a fellow of the Society for Industrial-Organizational Psychology and the American Psychological Association.




San Diego, California

December 3-5, 2014

### Mindfulness: Promoting Total Worker Health and Safety by Being in the Moment



#### Jessica Drew de Paz, PsyD

Mindfulness & Safety Research Coordinator Environmental Health and Safety, University of California, Irvine

Jessica Drew de Paz is a clinical psychologist with a background in mindfulness meditation, a state of being present with focused attention. Over a decade ago, she took a valuable detour from her career path to oversee University of California Irvine's Environmental Health & Safety training. These two seemingly disparate positions synergized into a research idea. Upon learning that nearly 70% of campus injuries involved a person who was inattentive and/or distracted, Jessica realized the potential benefits of infusing mindfulness into the safety field. This led to her current appointment, leading the University of California "Mindful Health & Safety" Center of Excellence. In collaboration with UC Irvine's Susan Samueli Center for Integrative Medicine, she is investigating the potential for a Mindful Health & Safety Program to improve workplace health and safety outcomes across a variety of industries.




San Diego, California

December 3-5, 2014

### Emerging Issues in Organizational Violence

#### James S. Cawood, CPP

President Factor One

Mr. Cawood is President of Factor One which is a California based corporation specializing in threat assessment and management, violence risk assessment, behavioral analysis, security consulting, and investigations. Mr. Cawood has worked in the area of threat and violence risk assessment and management, behavioral analysis, violence prevention, security analysis, and incident resolution for more than 25 years. He has successfully assessed and managed over 4000 violence related cases for federal and state government agencies, universities and colleges, public and private corporations, and other business entities throughout North America. Mr. Cawood has also provided consultation and training to these same types of organizations on the design and implementation of threat assessment, violence risk assessment, and incident response protocols. This included participation in the development of the P.O.S.T. (Peace Officers Standards and Training) telecourse for Workplace Violence for California and Arizona law enforcement, California P.O.S.T. development of a Fear and Anger Control telecourse, Association of Threat Assessment Professional's Risk Assessment Guideline Elements for Violence (R.A.G.E.-V), ASIS International's Workplace Violence Prevention and Response guideline, and participation in the development of a threat assessment protocol by the California District Attorney's Association for use in training judges, District Attorneys, and others in the California justice system. He also has served as an expert witness in dozens of cases involving questions concerning investigative and security issues, including threat assessment and violence in the workplace.

Mr. Cawood is currently serving on the Editorial Board of the *Journal of Threat Assessment and Management* (American Psychological Association) and is the former Association President of the Association of Threat Assessment Professionals (ATAP). He has also served as Association 2nd Vice President and the President of the Northern California Chapter of ATAP; on the ASIS International Foundation Board and was Secretary of the Board; as the Chairman of the Board of the California Association of Licensed Investigators and has served as Chairman of their Legislative Committee; and as a Board member for the Association of Workplace Investigators.

Mr. Cawood is a graduate of U.C. Berkeley, holds a Masters degree in Forensic Psychology from Argosy University, and is a doctoral candidate in Psychology at Northcentral University. He has served on the faculties of Golden Gate University, in their Security Management degree program and the University of California, Santa Cruz extension, teaching Threat Management. He is a Certified Protection Professional (CPP), Professional Certified Investigator (PCI), Physical Security Professional (PSP), Certified Fraud Examiner (CFE), Certified Security Professional (CSP), Certified Professional Investigator (CPI), and a Certified International Investigator (CII). He has written articles and book chapters for various professional publications including Security Management magazine, as the original author of A Plan for Threat Management (Chapter 40) of the Protection of Assets Manual; Chapters 24- Personnel Screening and Chapter 32- Arson, Sabotage, and Bomb Threats in the Accident Prevention Manual for Business & Industry- Security Management volume; Chapter 32- Security for Safety, Health, and Asset Protection: Management Essentials, 2nd Edition; and a co-authored chapter: Threat Management of Stalking Cases in The Psychology of Stalking: Clinical and Forensic Perspectives, published by Academic Press in 1998. He has also coauthored the book, Violence Assessment and Intervention: The Practitioner's Handbook, CRC Press 2003-the 2nd Edition having been published in January 2009; contributed to Ending Campus Violence: New Approaches to Prevention, by Brian Van Brunt, Routledge, August 2012; and contributed a chapter on Threat Assessment and Management to Applied Crime Analysis: A Social Science Approach to Understanding Crime, Criminals, and Victims, by Wayne Petherick, July 2014.




San Diego, California

December 3-5, 2014

### Advancing California's Workplace, Safety and Health in the 21st Century



### **Christine Baker**

Director State of California-Department of Industrial Relations

Christine Baker is the first woman to serve as director of the Department of Industrial Relations (DIR).

Ms. Baker is renowned for innovative targeting in fighting fraud and the underground economy. Her experience comes from working with labor and management as chief of the Division of Labor Statistics and Research (1984-89), the deputy director for the Division of Workers' Compensation (1990-94), and the executive officer of the California Commission on Health and Safety and Workers' Compensation from its inception in 1994 until April 2011. During her tenure as executive officer, the commission's role expanded to overseeing the health, safety and workers' compensation systems in California and recommending administrative and legislative changes for improvement. In April 2011, Christine was named acting director of DIR and was appointed director by Gov. Brown in December. The Senate Rules Committee voted unanimously to confirm her appointment in May 2012.

As director, Christine serves as the state administrator of Apprenticeship, the administrator of the state OSHA Plan, an ex officio member of the California Self-Insurers' Security Fund and an ex officio member of the State Fund board of directors.

Ms. Baker is president-elect of the International Association of Industrial Accident Boards & Commissions (IAIABC), and has chaired the California Insurance Commissioner's Workers' Compensation Fraud Focus Group and the advisory committee of the International Forum on Disability Management.

Ms. Baker is the recipient of numerous awards. Small Business California recognized Christine as one of its 2008 Small Business Heroes. In 2012, she received the Human Rights Award from the League of United Latin American Citizens. The Department of Industrial Relations, which she now heads, improves working conditions for California's wage earners, and advances opportunities for profitable employment. DIR divisions include Cal/OSHA, the Labor Commissioner's Office, the Division of Workers' Compensation, the Division of Apprenticeship Standards and six boards, commissions and programs. DIR is a department within the California Labor & Workforce Development Agency.

Ms. Baker earned a master's degree and Ph.D. candidacy at the School of Education, University of California, Berkeley. She resides in Berkeley.




San Diego, California

December 3-5, 2014

### **Process Safety Management**



### Michael Wilson, PhD, MPH

Chief Scientist State of California-Department of Industrial Relations

Dr. Wilson is serving as Chief Scientist in the Office of the Director, California Department of Industrial Relations. DIR oversees state programs dedicated to protecting the health, safety and economic security of California's 18 million workers. Dr. Wilson is supporting Director Christine Baker in a range of DIR efforts, including the Interagency Refinery Task Force, where he is working alongside Dr. Gina Solomon, also of COEH, now Undersecretary for Science and Health at California EPA.

Dr. Wilson is the former Director and Principal Investigator of UC Berkeley's Labor Occupational Health Program. LOHP is one of the nation's preeminent public University outreach programs to advance worker and community health and safety. Dr. Wilson also served as Associate Director for Integrative Sciences of the Berkeley Center for Green Chemistry (BCGC), which involves students, faculty and researchers from the Colleges and Schools of chemistry, public health, natural resources, engineering, and business.

Dr. Wilson's research and practice focus primarily on the intersection of occupational and environmental health sciences and policy in California, the U.S. and internationally, with emphasis on the chemical and oil refining sectors. He specializes in interdisciplinary approaches to problem-solving and in the development of strategic partnerships to improve health, safety and environmental practices in the high-hazard industries. He conducts technical work in exposure assessment and control, alternatives assessment, and emergency response.

Dr. Wilson earned a BA with Thesis Honors in Biology (1984) from the University of California, Santa Cruz, and a Master of Public Health (1998) in Industrial Hygiene from the University of California, Berkeley. He earned the PhD (2003) in Environmental Health Sciences from UC Berkeley, studying under Professor S. Katharine Hammond. Dr. Wilson is a graduate of the Trade Union Program at Harvard University (1995), the Projecto Linguistico Instituto Francisco Marroquin in Antigua, Guatemala (1987), and the Pre-Hospital Care Program at Stanford University (1986).




San Diego, California

December 3-5, 2014

### <u>Electrical Safety/NFPA 70E (2015 Edition):</u> <u>A "Flash" Forward Overview of Standard</u> <u>Revisions</u>



### Paul A. Zoubek, CSP, CIH

President/Principal Consultant Zoubek Consulting, LLC

Paul A Zoubek, CSP, CIH is founder and president of Zoubek Consulting, LLC (a workplace safety solutions consulting firm based in San Diego). He is a nationally recognized consultant in the area of electrical safety. He provides expert advice in the areas of management and engineering control of electrical hazards for utility, manufacturing and research & development companies nationwide. He advises companies in the areas of engineering electrical hazard control, written electrical safety program development, and training.

Paul presents a 2-day course on Basic Electrical Safety with Application of NFPA 70E annually at AIHA AIHce, ASSE SeminarFest, and ASSE Professional Development Conference. He has published articles on NFPA 70E revisions in AIHA Synergist and ASSE Professional Safety. He is also an AIHA Fellow.

In addition to electrical safety assistance, Paul provides services in the areas of machine safeguarding, hazardous energy control program development, auditing, and training, safety engineering, and industrial hygiene.




San Diego, California

December 3-5, 2014

### <u>Social Media & Technology – How is It</u> <u>Shaping the Profession?</u>



### Michael Rosenow, MPH, CIH, CSP

Industrial Hygienist Argonne National Laboratory

Michael Rosenow is an industrial hygienist specializing in nanomaterial safety and health management at Argonne National Laboratory. As an IH with over 17 years of experience he's tackled traditional exposure assessment from welding to noise and now nanoscale particulate. A CIH and CSP, he provides consulting services for Principal Investigators and the ANL user community employing nanoscale materials as well as a broad range of industrial hygiene topics at the laboratory. Mr. Rosenow's MPH degree is from the University of Michigan. He is a Past President of the esteemed AIHA Chicago Local Section and is Past-Chair of the award winning AIHA Nanotechnology Working Group. He currently is an AIHA Director and has presented on the topic of Social Media previously and Tweets periodically @Rosenow.




San Diego, California

December 3-5, 2014

### Fall Protection: Update and New <u>Technology</u>



### **David Dickinson**

Senior Territory Sales Manager Mine Safety Appliances

Dave Dickinson, MSA Territory Sales Manager in Northern California. He worked in safety distribution sales for 18 years and has been with MSA for 11 years. He is trained and certified in Authorized Person for Safety at Heights, Competent Person for Safety at Heights, Equipment Inspection, and Rescue Planning since 2008.







## Tab

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### **2014 CIHC CONFERENCE**

#### "OCCUPATIONAL & ENVIRONMENTAL HEALTH & SAFETY PRACTICE IN THE 21ST CENTURY"

#### Friday, December 4, 2014

Morning Session Theme - "Product Stewardship & Sustainability"

7:00-8:00 a.m.	Registration &	<b>Continental Breakfast</b>	(Solstice Ballroom,	, Buffet in Luna Loft
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- 8:00 a.m. Welcome— Dallas Cowan, PhD, CIH, Cardno Chemrisk, and Richard Bohrer, CIH, CIHC Board, Health Science Associates
- 8:05 a.m. Safer Product Regulations Karl Palmer, Chief, Safer Consumer Products Branch, California Department of Toxic Substances Control
- 9:05 a.m. Integrating Product Stewardship & Sustainability into Operations: Benefits of Eco-Friendly Products Irenessa Oliva, President and CEO of Eco PakTrak, Inc.
- 9:55 a.m. Break
- 10:10 a.m. Legal Perspective: Lead-Based Paint Decision Mary Alexander, Attorney, Mary Alexander & Associates, P.C.
- 11:00 a.m. Product Stewardship An Association Perspective Allan K. Fleeger, CIH, CSP, President, Product Stewardship Society, AIHA, and Global Product Stewardship & Regulatory Affairs Manager, ExxonMobil

#### Noon-1:30 p.m. Lunch on your own

Afternoon Session Theme - "Case Studies—Learning from Experience"

- 1:30 p.m. Welcome Dennis M. Robinson, D.Env., CIH, Pacific States Environmental Contractors, and Pamela Murcell, CIH, CIHC Board, KWA Safety & HazMat Consultants, Inc.
- 1:35 p.m. Calaveras Dam Project A New Look at Naturally Occurring Asbestos Dan Hernandez, CIH, NOA Manager, Dragados Flatiron Sukut Joint Venture
- 2:35 p.m. Break
- 2:45 p.m. Industrial Hygiene Afloat: A focus on IH concerns and responsibilities aboard a U.S. Navy Aircraft Carrier Commander Daniel Hardt, CIH, Head, Industrial Hygiene Department, Naval Medical Center San Diego, Medical Service Corps, US Navy
- 3:45 p.m. H&S in Challenging Environments: Afghanistan Sylvia A. Fontes, CIH, Safety Director, HDR Inc.
- 4:15 p.m. H&S in Challenging Environments: Djibouti—Carole Fried, CIH, CSP, Corporate Director, Health and Safety, Gilbane Co.
- 4:45 p.m. Conference Closing and Raffle
- 5:00 p.m. Conference Adjourns

San Diego, California

December 3-5, 2014

### **Safer Product Regulations**



#### **Karl Palmer**

**Branch Chief** 

Safer Products & Workplaces Program, Department of Toxic Substances Control

Karl Palmer works in the Department of Toxic Substances Control's (DTSC) Safer Consumer Products and Workplaces Program where he is responsible for DTSC's efforts to implement the department's Safer Consumer Products regulations. These regulations establish a process to identify and prioritize hazardous chemicals in consumer products and to establish a process for evaluating options for safer alternatives. Karl's team also administers DTSC's other toxics in products laws and helps lead the Department's efforts to expand pollution prevention practices, green chemistry strategies and sustainability initiatives throughout California.

Prior to his current job, Karl lead DTSC's Regulatory and Program Development Branch, providing technical support and policy development and adopting regulations for hazardous waste classification, recycling, household hazardous waste, electronic waste and universal wastes. Mr. Palmer has worked in each of DTSC's core programs performing a wide variety of work including site assessments and inspections of hazardous waste sites, conducting investigations at state superfund sites, cleaning up former methamphetamine labs and coordinating HAZMAT support at major chemical spills and natural disasters.

Mr. Palmer holds a B.S. in Resource Sciences from the University of California, Davis.




San Diego, California

December 3-5, 2014

### Integrating Product Stewardship & Sustainability into Operations: Green Packaging



### Irenessa Oliva

President and CEO Eco PakTrak, Inc

Irenessa Oliva is the Founder, President, and CEO of Eco PakTrak, Inc. (EPT). Headquartered in Gold River, CA., EPT provides a one-stop, convenient source for sustainable food and material packaging/shipping products, restaurant, janitorial, healthcare, and non-toxic cleaning supplies made from all natural sources which are biodegradable, compostable and recyclable.

Driven by a strong desire to help build communities, protect and support our environment, and to inspire younger generations to do the same, Irenessa recognizes that what we do today impacts our future. Inspired by this passion, she took a leap of faith and left her previous business development role on a mission to build a company dedicated and committed to environmental stewardship and social responsibility.

Ms. Oliva holds a Bachelor of Science (BS) and a Master of Business Administration (MBA) from Kenasaw State University. She has been an active member of several entrepreneurship focused organizations, including the National Association for Minority Contractors (NAMC), the Women Business Enterprise Council (WBENC) and the Northern California Minority Supplier Development Council (NCMSDC).

Ms. Oliva's vision is to educate everyone about the importance of being a good steward of the environment. She aspires to influence more environmentally friendly and ecologically responsible decisions and lifestyles, which will help protect the environment and sustain our natural resources for current and future generations.




San Diego, California

December 3-5, 2014

### Legal Perspective: Lead-Based Paint Decision



#### Mary Alexander

Attorney Mary Alexander Law

Mary E. Alexander, M.P.H., J.D., is the principal of Mary Alexander and Associates in San Francisco. She is a nationally recognized trial lawyer in personal injury and products liability. She obtained her JD and Honorary Doctor of Laws from University of Santa Clara in 1982 and 2003, respectively, and Master of Public Health (industrial hygiene) from University of California, Berkeley in 1975. Prior to her legal career, she was a research scientist in medical toxicology and was director of environmental health at Stanford Research Institute, where she conducted industrial hygiene research.

Ms. Alexander represented 10 California cities and counties, along with a team of attorneys, in People of California v. Atlantic Richfield, resulting in a verdict of \$1.15 billion. This abatement fund will be used for lead inspections and lead paint removal in tens of thousands of homes in California. She and the team received the Trial Lawyer of the Year award from San Francisco Trial Lawyers Association and Public Justice Foundation in 2014.

She is in the Trial Lawyer Hall of Fame (California State Bar), the Top 100 Most Influential Lawyers in California, and is Past President of American Association for Justice and the Consumer Attorneys of California.




San Diego, California

December 3-5, 2014

### Product Stewardship – An Association Perspective



### Allan K. Fleeger, CIH, CSP

President, Product Stewardship Society, AIHA, and Product Stewardship & Regulatory Affairs Manager, ExxonMobil

Allan K. Fleeger is currently the Global Product Stewardship & Regulatory Affairs Manager for ExxonMobil Chemical Company. He has over 25 years with ExxonMobil where in addition to his current assignment; he has held several Industrial Hygiene Supervisory and Management positions. Previous to Exxon, Allan spent three years with NIOSH conducting Health Hazard Evaluations. Allan is both a Certified Industrial Hygienist and a Certified Safety Professional. He has a BS degree in Safety from Indiana University of Pennsylvania and a MSPH in Industrial Hygiene from the University of Utah.

Allan is a Past President for the American Industrial Hygiene Association and the current President of the Product Stewardship Society.




### 24th Annual CIHC Conference

San Diego, California

December 3-5, 2014

### <u>Calaveras Dam Project – A New Look at</u> <u>Naturally Occurring Asbestos</u>

### Dan Hernandez, CIH

NOA Manager Dragados Flatiron Sukut Joint Venture

Mr. Hernandez has over 30 years of experience in the areas of environmental health and safety, hazardous materials management, industrial hygiene, toxicology, compliance program development and environmental risk assessment. Mr. Hernandez is published in peer reviewed scientific journals in the subject areas of Exposure Modeling/Risk Assessment and Tracer Gas Technology. His articles have appeared in the American Industrial Hygiene Association (AIHA) Journal and the Semiconductor Association Safety Journal.

CALIFORNIA INDUSTRIAL HYGIENE COUNCIL




### 24th Annual CIHC Conference

San Diego, California

December 3-5, 2014

### Industrial Hygiene Afloat: A focus on IH concerns and responsibilities aboard a U.S. Navy Aircraft Carrier



### **Commander Daniel Hardt, CIH**

Department Head, Industrial Hygiene Naval Medical Center San Diego, Medical Service Corps, US Navy

A native of Upland, California, CDR Hardt holds a Bachelor of Science in Biochemistry from the University of California at Riverside and a Master of Science in Environmental Health from the Harvard School of Public Health. He is certified for comprehensive practice by the American Board of Industrial Hygiene (2004-Present) and has authored several peer-reviewed journal articles and technical reports relating to his research in environmental and inhalation toxicology.

CDR Hardt assumed his current position as the Department Head of Industrial Hygiene at Naval Medical Center San Diego on August 26, 2013. His department provides regulatory compliance oversight and industrial hygiene support to over 250 military commands which operate industrial facilities located in the southwest region. Prior to his current assignment, he was the Director for Inhalation Toxicology at Naval Medical Research Unit, Dayton, Ohio, where he coordinated all tri-service efforts to investigate the inhalation toxicity of alternative fuels, combustion emissions, fire extinguishing media, particulate matter, nanoparticles, and schedule III chemical agents. As the Principal Investigator, he completed a study on the reproductive health risks from submarine atmospheres, which data were critical to supporting the gender integration of submarine crews.

Additional military assignments include (chronologically): Director of Force Health Protection, Headquarters, U.S. Marine Corps, Washington, DC; Fellow (Consequence Management), U.S. Army Research, Development, and Engineering Command, Aberdeen Proving Grounds, MD; Department Head, Occupational Health and Preventive Medicine, Naval Branch Health Clinic, Sasebo, Japan; Industrial Hygiene Officer, USS CONSTELLATION (CV-64); and, Industrial Hygiene Officer, Naval Medical Center San Diego.

CDR Hardt has deployed four times in leadership roles in support of the fleet, in theaters of war, and as a public health expert in support of humanitarian assistance missions following large scale natural disasters. His awards include the Meritorious Service Medal, the Navy and Marine Corps Commendation Medal (3 awards), the Navy and Marine Corps Achievement Medal (2 awards), the Humanitarian Service Medal (2 Awards), and numerous unit and other personal awards. He was the recipient of the 2005 Industrial Hygiene Officer Leadership Award for his coordination of the public health mission (Operation Unified Assistance) to Indonesia following the Sumatra-Andaman earthquake and tsunami.

# CALIFORNIA INDUSTRIAL HYGIENE COUNCIL




### 24th Annual CIHC Conference

San Diego, California

December 3-5, 2014

### H&S in Challenging Environments: Afghanistan



### Sylvia A. Fontes, CIH

Safety Director HDR Inc

Sylvia Fontes is a Certified Industrial Hygienist (CIH) with 29 years of experience in environmental, health and safety (EH&S) for environmental, water/wastewater and construction industries.

As the HDR Environmental Operations and Construction (EOC) Health and Safety Director, Ms. Fontes oversees HDR EOC's Health and Safety Program around the globe, from Afghanistan and Kuwait to Vietnam, the Marshall Islands and the continental U.S.

Ms. Fontes has worked for State Compensation Insurance Fund, Radian Corporation, the FPE Group, Crawford & Co., and the Los Angeles County Sanitation District before working for HDR. Ms. Fontes has served on the California Industrial Hygiene Council and served as President and Secretary for the AIHA Sacramento Valley Section.

Ms. Fontes holds a Master of Science degree in Occupational Health from Temple University and Bachelor of Science in Biochemistry from the University of Scranton.

CALIFORNIA INDUSTRIAL HYGIENE COUNCIL




### 24th Annual CIHC Conference

San Diego, California

December 3-5, 2014

### H&S in Challenging Environments: Djibouti



### Carole Fried, CIH, CSP

Corporate Director, Health and Safety Gilbane Co.

Carole Fried is a Certified Industrial Hygienist (CIH) and Certified Safety Professional (CSP) with 30 years of experience in environmental, health and safety (EH&S) for construction, government, manufacturing, and research entities.

As the Gilbane Federal Corporate Director H&S, Ms. Fried oversees Gilbane's Global Corporate Health and Safety (H&S) Program and serves as Program H&S Manager on 31 Gilbane Federal government programs including EPA, DoD, and DoE contracts.

Ms. Fried is experienced at managing EH&S hazardous, toxic, radioactive waste (HTRW) and Unexploded Ordnance (UXO) sites, including conducting exposure assessments and implementing medical surveillance programs. In addition, Ms. Fried has extensive experience in both horizontal and vertical construction safety.

Ms. Fried holds a Master of Science in Occupational Hygiene and Bachelor of Science in Cell, Molecular and Developmental Biology both from McGill University, Montreal, Canada.

CALIFORNIA INDUSTRIAL HYGIENE COUNCIL







Tab

# "Exhibitors/Attendees & Misc Info"

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Zike, Bruce Supervisor, Health & Safety SMUD 6201 S Street Sacramento, CA 95817 <u>bruce.zike@smud.org</u>

#### Zubieta, Ingrid MPH, CIH

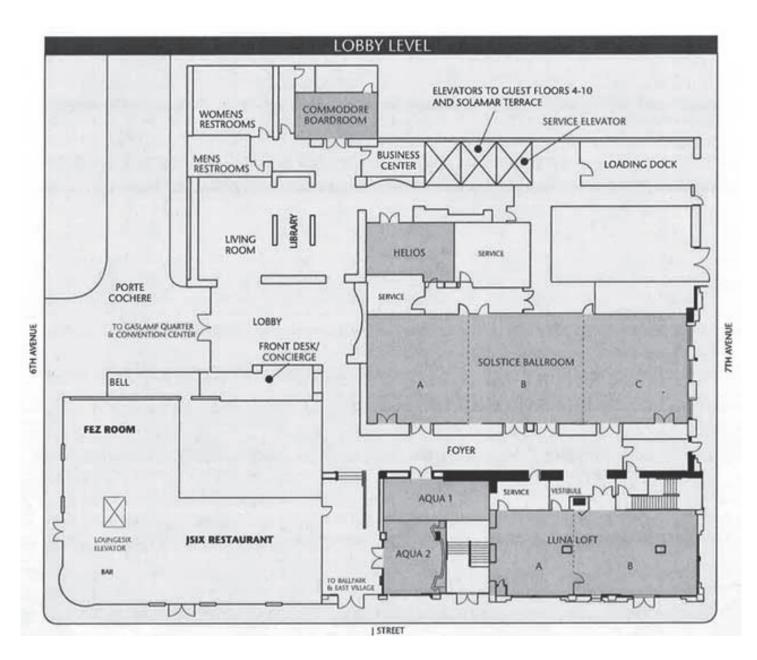
Health Science Associates 10771 Noel Street Los Alamitos, CA 90720 *izubieta*@*healthscience.com* 

# Meeting Room and Event Location Maps

#### HOTEL SOLAMAR- Lobby Level

SOLSTICE BALLROOM

Registration and Speaker Presentations Exhibitors, Food and Beverages



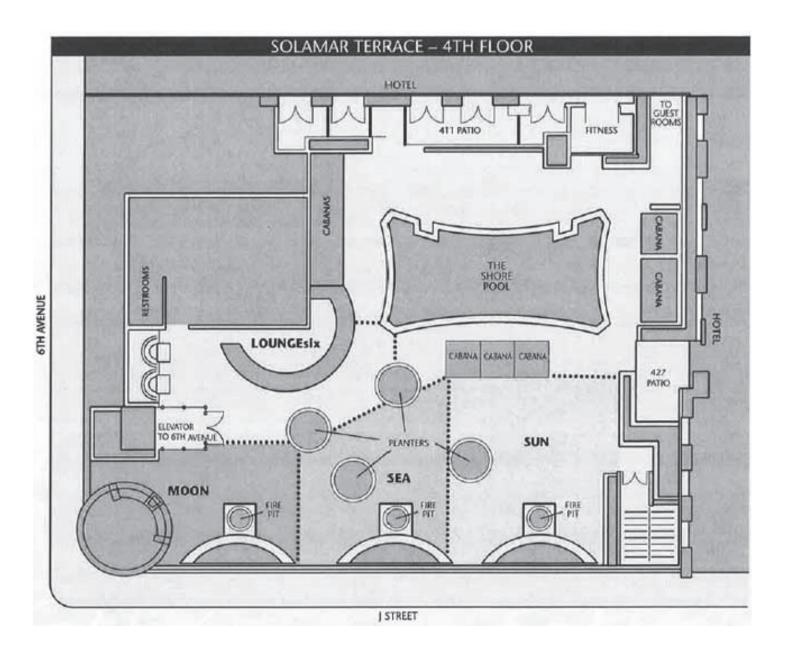
HOTEL SOLAMAR

435 6th Avenue, San Diego, CA 92101

# Meeting Room and Event Location Maps

HOTEL SOLAMAR-Solamar Terrace

CIHC Social Event Wednesday, December 3rd, 2104 5:30-7:00 p.m.



HOTEL SOLAMAR

435 6th Avenue, San Diego, CA 92101

### CIHC 2014 Conference Evaluation Form

### (paper version)

Instructions: Please complete form, remove page and provide completed form to registration desk.

#### CONFERENCE EVALUATIONS

Session Evaluations are available online via your computer or mobile device at: <u>https://www.surveymonkey</u> .com/s/CIHC2014





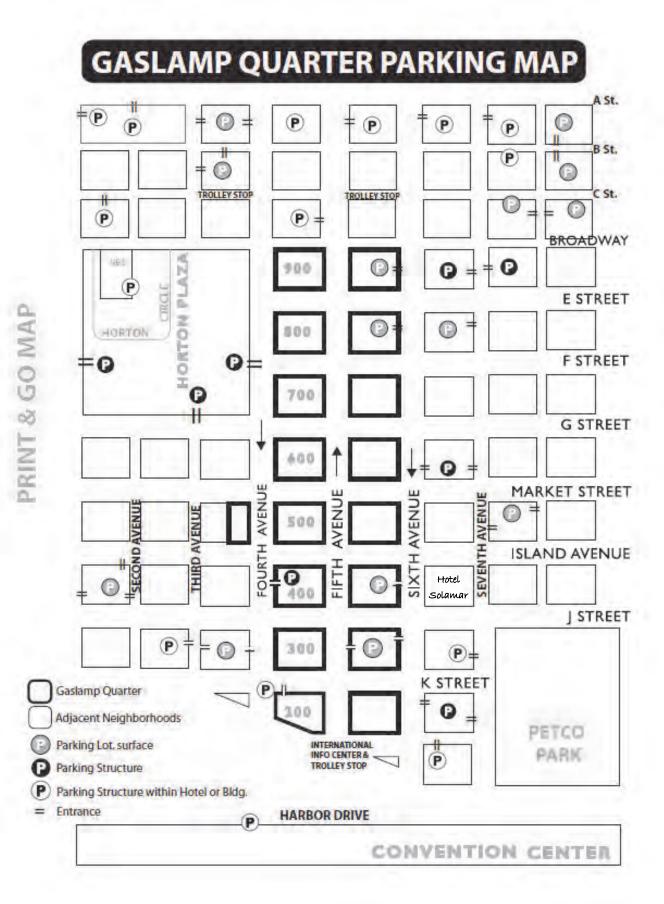
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1)	Conference promotion (emails, etc)	Needs Improve	ement 2	Average 3	4	Exceller 5
		-				-
2)	Conference location	1	2	3	4	5
3)	Choice of topics	1	2	3	4	5
4)	Speakers overall	1	2	3	4	5
5)	Meeting space and set-up	1	2	3	4	5
6)	Access to speaker presentations in advance	1	2	3	4	5
7)	Hotel food and service	1	2	3	4	5
8)	Hotel sleeping rooms	1	2	3	4	5
10)	<ul> <li>One-day registrants, was your decision to attend base</li> <li>Limited training budget</li> <li>Time constrain</li> </ul>		escribe)			
	The conference was a good value:  Yes	No				
,	I would attend another CIHC conference:		D			
lf ite	ems 1-8 scores are 3 or below, how can the conference	be improved?				
WF	NDESDAY, DECEMBER 3, 2014					
						_
	<b>ning Presenters:</b> (1 being poor: 5 being excellent)	Ratir	ng: 1	2 3	4	5

# California Industrial Hygiene Council

Luncheon w/Keynote: (1 being poor: 5 being excellent)	Rating: 1	2	3	4	5	
Specific comments:						
		·				
Afternoon Presenters: (1 being poor: 5 being excellent) Specific comments:	Rating: 1		3	4	5	
Social Event: (1 being poor: 5 being excellent)	Rating: 1		3	4	5	
Specific comments:						
THURSDAY, DECEMBER 4, 2014						
Morning Presenters: (1 being poor: 5 being excellent) Specific comments:	-		3	4	5	
Afternoon Presenters: (1 being poor: 5 being excellent) Specific comments:	Rating: 1		3	4	5	
FRIDAY, DECEMBER 5, 2014						
Morning Presenters: (1 being poor: 5 being excellent) Specific comments:	Rating: 1	2	3	4	5	
Afternoon Presenters: (1 being poor: 5 being excellent)	Rating: 1	2	3	4	5	
Specific comments:						
Suggested topics for next year:						
Name/Contact information (optional):						



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MANUNCY NUES / MARE NORK HOTEL - 207 5h Ave.       MAREY - 600 Sh.Ave.       MAREY - 600 Sh.Ave.         MARYANE'S AT HARD NOCK HOTEL - 207 5h Ave.       MARYANE'S ALL AND A SHORE STURANT - 671 Sh.Ave.       MARYANE'S ALL AND A SHORE STURANT - 671 Sh.Ave.       MARYANE'S ALL AND A SHORE STURANT - 671 Sh.Ave.         MARYANE'S RESTURANT & SALOON - 731 5h Ave.       MARYANE'S ALL AND A SHORE STURANT - 671 Sh.Ave.       MARYANE'S ALL AND A SHORE STURANT - 671 Sh.Ave.       MARYANE'S ALL AND A SHORE STURANT - 671 Sh.Ave.         MARYANE'S ALL AND A SHORE STURANT - 630 Sh.Ave.       MARYANE'S ALL AND A SHORE AND A SHORE AND A SHORE STURANT - 260 Sh.Ave.       MARYANE'S ALL AND A SHORE AND A	31 F St.       TGI FRIDAY'S · 743 5th Ave.       B         B       THE BLIND BURRO · 639 J St.       D         Image: A       THE COMMONS BAR · 901 4th Ave.       D         320 K St.       THE FIELD A INTERNOT DISA DISA DESCAI DANT. • 444 5th Ave.       D         320 K St.       THE FIELD A INTERNOT DISA DISA DESCAI DANT. • 444 5th Ave.       D	WITOWNUGASLAMP QUARTER • 356 6th Ave     D       OTT GASLAMP QUARTER • 660 K St     D       E- 472 F St     A       A N DIEGO • 326 Broadway     A       I + 51 F St     B       I LIGHTS • 911 5th Ave     A       I R LIGHTS • 911 5th Ave     A       I R LIGHTS • 520 Market St     B       A PLANTS • 520 Market St     B       TORAGE • 611 Island Ave     C
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MUCHY JAVES AT HARD ROCK HOTEL : 207 5th Ave.       Church and a schward and and and and and and and and and an	D	551 4th AveC
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NW       C       MARRYJANE'S AT HARD ROCK HOTEL • 207 5th Ave.       G       GURGAS - 500 4th Ave.       B         MASALA - SPICES OF INDIA • 314 5th Ave.       D       ANTITUDE LOUNGE • 660 K St.       D         MAGORMICK & SCHMICK'S SEAFOOD RESTAURANT • 673 L St.       D       MARAURYS TRADE COLUSINE OF INDIA • 723 4th Ave.       D         MARAUNCY FORTENS RESTAURANT • 401 K St.       D       D       MONSCON - FINE CUISINE OF INDIA • 723 4th Ave.       D       D         MARAUSH NOR CORNICK & SALOON • 731 5th Ave.       D       D       MARAUSH • 425 5th Ave.       A       D         MARAUSH NOR CORNERS SAF & BURGER JOINT • 560 5th Ave.       D       D       D       D       NORTEN BAR • 506 5th Ave.       C       C       D       STAGE ROCK BAR & GRILL • 762 5th Ave.       A         B       NICKY ROTTENS BAR & BURGER JOINT • 560 5th Ave.       D       STAGE ROCK BAR & GRILL • 762 5th Ave.       A         C       OSETRA THE FISH HOUSE • 904 5th Ave.       D       STAGE ROCK BAR & GRILL • 762 5th Ave.       A         B       OSETA THE FISH HOUSE • 904 5th Ave.       C       C       C       C       C         C       OSETRA THE FISH HOUSE • 904 5th Ave.       C       C       C       C       C       C         C       C       STAR BAR • 423 E Sth Ave.	THAI CUISINE • 467 5th Ave	SAN DIEGO · 207 5th AveD
ware       C       MARKYJANE'S AT HARD ROCK HOTEL • 207 5th Ave       C       C       C       C       C       MASALA - SPICES OF INDIA • 314 5th Ave       C	A ROYAL INDIA EXQUISITE RESTAURANT • 329 Market St	USE • 633 5th Ave,
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	B MALONEY'S TAVERN • 777 5th Ave	• 600 5th Ave
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	d AveC MAGNOLIA TAP & KITCHEN • 624 E St	AVE



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