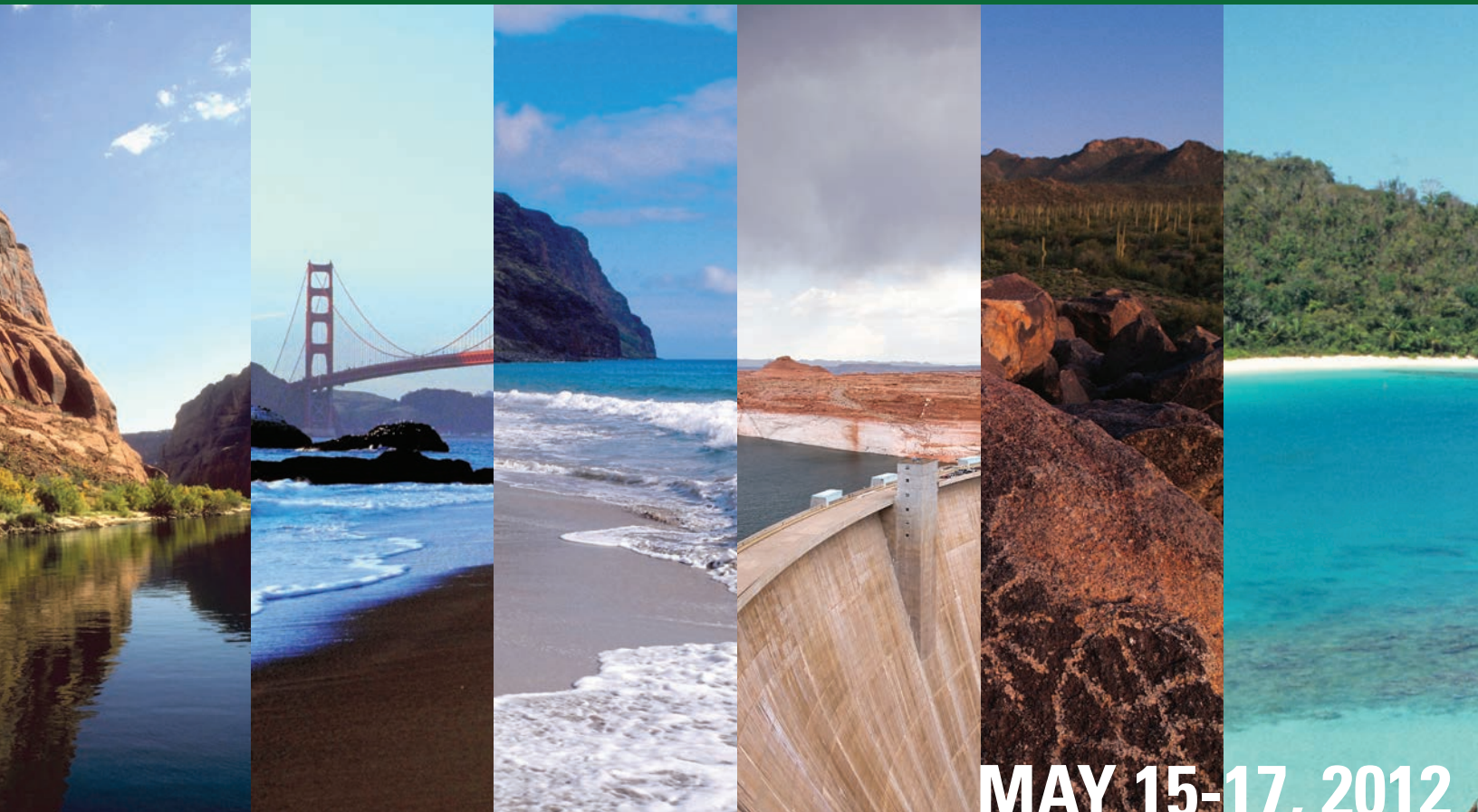


# 2012 USED OIL+HHW+WSPPN TRAINING & CONFERENCE

**COME TOGETHER:**  
NEW PARTNERSHIPS, NEW STRATEGIES  
FOR A HEALTHIER ENVIRONMENT

## *Program Guide*



**MAY 15-17, 2012**  
**SHERATON GRAND • SACRAMENTO, CA**



## ACKNOWLEDGEMENTS

Please join us in recognizing the following individuals for their vision and contributions toward making this year's Training & Conference a high quality educational experience for all.

### **Robert Carlson**

California Department of Resources  
Recycling and Recovery

### **Chris Geiger**

City/County of San Francisco

### **Dee Johnson**

Novato Sanitary District

### **John Katz**

Environmental Protection Agency,  
Region 9

### **Gail Kaufman**

City of Thousand Oaks

### **Valetti Lang**

California Department of Toxic  
Substances Control

### **Cheryl Lester**

City of San Diego

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California Department of Resources  
Recycling and Recovery

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UNR-Business Environmental Program

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California Department of Toxic  
Substances Control

### **Howard Mayo**

Orange County Environmental Health

### **Manuel Medrano**

City of Chula Vista

### **Karl Palmer**

California Department of Toxic  
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City of Anaheim

### **Elizabeth Rouan**

San Mateo County

### **Virginia St. Jean**

San Francisco Department of  
Public Health

### **Larry Sweetser**

Sweetser & Associates, Rural  
Counties' Environmental Services  
Joint Power Authority

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Product Stewardship Council

### **Sokha Ty**

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California Department of Resources  
Recycling and Recovery

### **Wesley Won**

San Mateo County

### **Kristin Yee**

California Department of Resources  
Recycling and Recovery

**COME TOGETHER:**  
NEW PARTNERSHIPS, NEW STRATEGIES  
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## WELCOME!

The California Department of Resources Recycling and Recovery (CalRecycle), the California Department of Toxic Substances Control (DTSC), and the Western Sustainability and Pollution Prevention Network (WSPPN) welcome you to the 2012 Used Oil + HHW + WSPPN Training & Conference; "Come Together: New Partnerships, New Strategies for a Healthier Environment."

We are particularly excited to bring together two very successful conferences in order to foster the cross-fertilization of ideas and approaches to pollution prevention, household hazardous waste and used oil management, resource conservation, stormwater issues, green chemistry, climate change and sustainability. If you've attended any of the past Used Oil/HHW Conferences or the WSPPN Conferences, we know you'll find this year's event to be engaging and inspiring.

As always, we will continue our tradition of offering an abundance of education, information-sharing and networking tools to help you manage ongoing concerns and issues in today's complex environment. Workshop sessions are designed to incorporate interaction and skill building. Sessions will explore a variety of environmental topics and ongoing challenges.

Thank you again for attending this year's conference in Sacramento and contributing to the collaborative conversation that helps us maintain our standards of excellence and pursue our goals in household hazardous waste management, pollution prevention and used oil/filter collection.

Sincerely,

*Caroll Mortensen*

Caroll Mortensen, Director  
California Department of Resources Recycling and Recovery (CalRecycle)

*Debbie Raphael*

Debbie Raphael, Director  
California Department of Toxic Substances Control (DTSC)

*Christopher Lynch*

Christopher Lynch, Director  
Western Sustainability and Pollution Prevention Network (WSPPN)  
University of Nevada Reno, Business Environmental Program



## CONFERENCE TRACKS

**EI**

### EMERGING ISSUES TRACK

Sessions focus on topical and emerging issues such as green chemistry, universal waste, extended producer responsibility, problematic waste streams such as sharps and pharmaceuticals, legislative issues, program measurement, and effective communication for behavior change.

**HHW**

### HOUSEHOLD HAZARDOUS WASTE TRACK

The Household Hazardous Waste track includes basic sessions pertaining to the implementation of HHW programs, new California statutes for paint and carpet, regulatory changes that affect HHW programs, and model HHW programs to implement.

**P2**

### POLLUTION PREVENTION TRACK

Sessions provide information on source reduction of air pollutants, waste water and storm water discharges, toxics in products, solid and hazardous wastes, and conservation of natural resources such as energy or water.

**UO**

### USED OIL TRACK

Sessions include information pertaining to the implementation of Used Oil programs, best management practices, legislative changes that affect the program, research topics for used oil, and administration of the grant programs.



## AGENDA AT A GLANCE

### TRAINING DAY: Tuesday, May 15, 2012

|            |   |            |  |
|------------|---|------------|--|
| 7:00 a.m.  | – | 5:00 p.m.  | Registration                                     |
| 8:00 a.m.  | – | 12:00 p.m. | HHW for Managers                                 |
| 8:00 a.m.  | – | 12:00 p.m. | CUPA Case Studies                                |
| 8:00 a.m.  | – | 12:00 p.m. | P2101–The Nuts and Bolts of Pollution Prevention |
| 8:00 a.m.  | – | 12:00 p.m. | WSPPN Advisory Board Meeting (by invite)         |
| 9:30 a.m.  | – | 10:30 a.m. | Refreshment Break                                |
| 12:00 p.m. | – | 1:00 p.m.  | Lunch Break                                      |
| 1:00 p.m.  | – | 5:00 p.m.  | Lesson from the Lean and Environment Training    |
| 1:00 p.m.  | – | 5:00 p.m.  | OSHA Safety/Ergonomics                           |
| 1:00 p.m.  | – | 5:00 p.m.  | DOT HM Transportation Refresher                  |
| 1:00 p.m.  | – | 5:00 p.m.  | WSPPN Region 9 Roundtable (by invite)            |
| 2:30 p.m.  | – | 3:30 p.m.  | Refreshment Break                                |

### CONFERENCE DAY ONE: Wednesday, May 16, 2012

|            |   |            |   |
|------------|---|------------|---|
| 6:30 a.m.  | – | 10:00 a.m. | Exhibitor Set-up                                    |
| 7:00 a.m.  | – | 3:00 p.m.  | Registration  |
| 7:30 a.m.  | – | 8:15 a.m.  | Continental Breakfast                               |
| 8:15 a.m.  | – | 8:30 a.m.  | Welcome and Opening Remarks                         |
| 8:30 a.m.  | – | 10:00 a.m. | Plenary Panel: Executive Forecast                   |
| 10:00 a.m. | – | 4:30 p.m.  | Exhibits Open                                       |
| 10:00 a.m. | – | 11:00 a.m. | Refreshment Break and Exhibit Viewing               |
| 10:00 a.m. | – | 11:00 a.m. | Sheraton Green Tour (preregistration required)      |
| 11:00 a.m. | – | 12:30 p.m. | Workshops: Session One                              |
| 12:30 p.m. | – | 1:45 p.m.  | Luncheon with Keynote Speaker: Jim Hanna, Starbucks |
| 1:45 p.m.  | – | 3:15 p.m.  | Workshops: Session Two                              |
| 3:15 p.m.  | – | 3:30 p.m.  | Refreshment Break and Exhibit Viewing               |
| 3:30 p.m.  | – | 5:00 p.m.  | Workshops: Session Three                            |
| 5:30 p.m.  | – | 7:30 p.m.  | Sponsor and Exhibitor Reception                     |

### CONFERENCE DAY TWO: Thursday, May 17, 2012

|            |   |            |   |
|------------|---|------------|---|
| 7:00 a.m.  | – | 1:30 p.m.  | Registration                              |
| 7:00 a.m.  | – | 8:30 a.m.  | PaintCare Open House                      |
| 7:30 a.m.  | – | 3:30 p.m.  | Exhibits Open                             |
| 7:30 a.m.  | – | 8:30 a.m.  | Continental Breakfast                     |
| 8:30 a.m.  | – | 10:00 a.m. | Keynote Presentation: Charlotte Brody     |
| 10:00 a.m. | – | 10:15 a.m. | Refreshment Break and Exhibit Viewing     |
| 10:15 a.m. | – | 11:45 a.m. | Workshops: Session Four                   |
| 11:45 a.m. | – | 12:45 p.m. | Luncheon with Awards Presentation         |
| 12:45 p.m. | – | 1:45 p.m.  | Keynote Presentation: Dr. Charles Goldman |
| 1:45 p.m.  | – | 3:15 p.m.  | Workshops: Session Five                   |
| 3:15 p.m.  | – | 3:30 p.m.  | Refreshment Break and Exhibit Viewing     |
| 3:30 p.m.  | – | 5:00 p.m.  | Workshops: Session Six                    |
| 5:00 p.m.  |   |            | Adjourn                                   |



## TRAINING AGENDA

Tuesday, May 15, 2012

7:00 a.m. — 5:00 p.m.

**Registration**..... Grand Nave Foyer

8:00 a.m. — 12:00 p.m.

### MORNING TRAINING SESSIONS

#### HHW for Managers

Beavis

Household Hazardous Waste (HHW) managers are responsible for compliance of their facilities with many regulatory requirements from many different local and state agencies. This course is designed for those HHW program supervisors that oversee operations but do not actively work in the facility handling wastes. It provides information on how to make sure your facility is in compliance with the multitude of regulatory requirements imposed on HHW programs.

#### CUPA Case Studies

Falor

Do you inspect HHW facilities or small businesses? Is your HHW program inspected? If so this class is for you! Any HHW program that routinely deals with inspections will find this training very useful. The course provides a unique perspective on developing a mutually beneficial relationship between program manager and inspector. Case studies are provided that illustrate how California's Certified Unified Program Agencies (CUPA) inspection program deals with compliance issues found at Conditionally Exempt Small Quantity Generator (CESQG) sites and at HHW facilities.

#### P2 101 – The Nuts and Bolts of Pollution Prevention

Compagno

This training provides participants, who have little knowledge of Pollution Prevention (P2) or who want a refresher course, on Basic Concepts of P2 including material substitution, green purchasing, process efficiency, green design, cost analysis and ROI, root cause analysis, and implementing behavioral change. Managing the P2 Initiative and sustaining success will be covered during this knowledge transfer session. Collaborative efforts of the stakeholders and critical work efforts associated with administration and implementation of the P2 change will also be identified and discussed during the course.

#### WSPPN Advisory Board Meeting (by invite)

Camellia

A meeting of the Western Sustainability and Pollution Prevention Network advisory board.

9:30 a.m. — 10:30 a.m.

**Refreshment Break**..... Grand Nave Foyer

Refreshments will be available for one hour. Training seminars may break anytime within the hour.

## TRAINING AGENDA

**Tuesday, May 15, 2012**

12:00 p.m. – 1:00 p.m.

**Lunch Break** ..... Camellia

1:00 p.m. – 5:00 p.m.

### AFTERNOON TRAINING SESSIONS

#### Lessons from the Lean and Environment Training

Compagno

This four hour session will highlight the lessons from the Lean and Environment training used to certify participants in the Safety Health and Environmental Professional Program (SHEP) for the Region 6 OSHA Ed. Center. It covers basics of methods for incorporating Lean into a sustainability program and ensuring results with an Environmental Management System (EMS). The work session includes interactive exercises and real world examples as well as extensive audience interaction.

#### OSHA Safety/Ergonomics

Beavis

This course will cover the occupational safety requirements of HHW program operations including: Injury and Illness Prevention Program, hazard communication, blood borne pathogens, job safety analysis, ergonomics, and personnel protection equipment including respirators.

#### DOT HM Transportation Refresher

Falor

This course provides the required refresher for workers who package hazardous waste and individuals signing manifests, bills of lading, and other shipping documents for hazardous and universal wastes. An update of numerous new shipping requirements will also be presented including the new Uniform Hazardous Waste Manifest requirements, security plans, packaging standards, shipping names, and hazardous waste of concern requirements. This training is required every three years or when regulations change.

#### WSPPN Region 9 Roundtable (by invite)

Camellia

Roundtable for state pollution prevention providers in Region 9 to identify opportunities to strengthen and support P2 efforts through greater collaboration and networking.

2:30 p.m. – 3:30 p.m.

**Refreshment Break** ..... Grand Nave Foyer

Refreshments will be available for one hour. Training seminars may break anytime within the hour.



## CONFERENCE AGENDA

### Wednesday, May 16, 2012

6:30 a.m. — 10:00 a.m. **Exhibitor Set-Up** ..... Magnolia

7:00 a.m. — 3:00 p.m. **Registration** ..... Grand Nave Foyer

7:30 a.m. — 8:15 a.m. **Continental Breakfast** ..... Grand Nave Foyer

8:15 a.m. — 8:30 a.m. **Welcome and Opening Remarks** ..... Camellia/Gardenia

*Dr. Howard Levenson*, Deputy Director of the Materials Management and Local Assistance Division, CalRecycle

8:30 a.m. — 10:00 a.m. **Plenary Panel: Executive Forecast**

*Moderator: Debbie Raphael*, Director, Department of Toxic Substances Control  
*Carol Mortensen*, Director, CalRecycle  
*Jared Blumenfeld*, Director, US EPA Pacific Southwest Region

The panelists will discuss policy directives, technological innovations, and how we can foster partnerships to reach mutual goals.

10:00 a.m. — 4:30 p.m. **Exhibits Open** ..... Magnolia

10:00 a.m. — 11:00 a.m. **Refreshment Break and Exhibit Viewing** ..... Magnolia

10:00 a.m. — 11:00 a.m. **Sheraton Green Tour** ..... Sheraton 1st Floor Lobby

The Sheraton Grand Sacramento Hotel is hosting a short tour for those wanting to see the hotel's green practices in action. Space is limited. Preregistration is required at registration table. Sign up at the Registration table.

11:00 a.m. — 12:30 p.m. **WORKSHOPS: SESSION ONE**

**EI • 1**

**Keeping up with the NANO Industrial Revolution**

Kamilos/Hendricks/Baker

*Moderator: William Ryan*, DTSC  
*Neena Sahasrabudhe*, DTSC  
*Mary Dougherty*, Stanford University

Nanotechnology continues to evolve as a part of the next industrial revolution, but even as nano-materials become widespread we are still trying to evaluate the benefits and risks they pose to environmental and public health. The CA Department of Toxic Substances Control (DTSC) has worked for several years to promote a knowledge-based evaluation of nano-materials. This session will share DTSC's experience, knowledge, and insights about the risks and unintended consequences of nano-materials in commerce, the workplace, and the environment.



## CONFERENCE AGENDA

Wednesday, May 16, 2012

11:00 a.m. – 12:30 p.m.

### WORKSHOPS: SESSION ONE (continue)

#### HHW • 1

#### California's New Paint Product Stewardship Program

Carr

*Moderator:* Cynthia Dunn, CalRecycle  
Marjaneh Zarrehparvar, PaintCare  
Emily Wang, CalRecycle  
Kimbra Andrews, County of San Joaquin

In September 2010, the governor signed into law AB 1343, which created an industry-led, statewide product stewardship program to reduce the generation of leftover paint, promote its reuse, and properly manage unwanted leftover paint. This session will provide a discussion of the paint product stewardship program set forth in AB 1343 and the stewardship plan submitted by PaintCare on behalf of manufacturers. Panel members will outline how the program will function, including a description of collection systems, paint disposition, and coordination with stakeholders. This session will also discuss the impacts that the program may have on HHW collection programs and how it will fit in with existing programs.

#### P2 • 1

#### Regulatory Drivers and Results: A Mixed Bag of Hot Air Issues

Bataglieri

*Moderator:* Virginia St. Jean, San Francisco Department of Public Health  
Mike Morris, South Coast Air Quality Management District

The California Air Resources Board (CARB) and the local Air Quality Management Districts have been very successful regulating some of our worst polluting chemicals by either banning certain toxic ingredients or significantly lowering VOC levels. But are the alternatives always better? Come hear from experienced regulators about how regulations for automotive solvents, paint thinners, and other products have driven down air pollution, and what that means in terms of health, safety, and air quality..

#### UO • 1

#### Changing Behavior – New Tactics for Tough Audiences

Tofanelli

*Moderator:* Stephen Groner, S. Groner Associates  
Connie Cloak, C2: Alternative Services  
Cynthia Knowles, San Francisco Department of the Environment

This session will look at strategies to effectively change behavior and motivate key audiences to understand that it is important to prevent pollution and get oil recycled. The speakers will discuss how they identified and reached their audiences and then developed innovative tactics to engage them to achieve true behavioral changes.



## CONFERENCE AGENDA

**Wednesday, May 16, 2012**

12:30 p.m. — 1:45 p.m.

**LUNCHEON WITH KEYNOTE SPEAKER** ..... Camellia/Gardenia

[Jim Hanna](#), Director of Sustainability, Starbucks

*"It Takes a Village: Starbucks Quest for the Recyclable Cup"*

Starbucks began an initiative that seeks to have all their cups either recyclable or compostable, and not just theoretically but realistically. Starbucks has been working closely with suppliers, recyclers, local government and others to make this happen. Jim will explain the challenges and successes during this project and some of the lessons learned that can be used by others in similar efforts.

1:45 p.m. — 3:15 p.m.

**WORKSHOPS: SESSION TWO**

**EI • 2**

**Extended Producer Responsibility (EPR) in Practice** Kamilos/Hendricks/Baker

[Kathy Frevert](#), CalRecycle

[Cynthia Dunn](#), CalRecycle

[Neena Sahasrabudhe](#), Department of Toxic Substances Control

[Kristina Miller](#), Tehama County Red Bluff Landfill Management Agency

California has adopted a number of product-specific EPR programs to drive greater recycling, for products from mercury containing thermostats, carpet, and paint. This panel will provide an overview of the programs, covering goals, financing, determining/ measuring success, key stakeholder roles, key steps of the process, barriers to the process, results to date and lessons learned, and impacts on local governments.

**HHW • 2**

**Battery Management**

Carr

*Moderator:* [Burke Lucy](#), CalRecycle

[Rob D'Arcy](#), County of Santa Clara

[Bill Worrell](#), San Luis Obispo County Integrated Waste Management Authority

[Erin Billman](#), Blu Skye

This session will cover the primary (non-rechargeable) battery manufacturers' approach to a voluntary nationwide battery recycling program through the not-for-profit Corporation for Battery Recycling (CBR). Blu Skye, consultants to CBR, will describe their approach to fostering a cooperative system among stakeholders to advance the battery industry's pursuit of various recycling options that are both environmentally preferred to landfill disposal and economically viable. The program will launch six Foundation Programs in 2012. These will be used to gather data from existing battery collection programs to aid in the development of an environmentally positive and economically sustainable stewardship program scheduled for launch in 2013. Santa Clara and San Luis Obispo counties were both selected as Foundation Programs, and will describe the logistics and the finances of operating under the new program. Santa Clara has a significant voluntary Retail Take-it-Back Partner Network and San Luis Obispo has a local ordinance that mandates retail take-back.

## CONFERENCE AGENDA

Wednesday, May 16, 2012

1:45 p.m. – 3:15 p.m.

### WORKSHOPS: SESSION TWO (continue)

P2 • 2

#### Environmentally Preferable Purchasing (EPP) Greening Janitorial Companies

Bataglieri

*Moderator:* [Greg Hopkins](#), State of Oregon  
[Chris Geiger](#), San Francisco Department of the Environment  
[Swati Sharma](#), San Francisco Department of the Environment  
[Michelle Pierce](#), San Francisco Department of the Environment  
[Daniel Garza](#), Department of General Services

Janitorial practices present a ripe opportunity for reducing toxics use and improving indoor air quality and worker health and safety. This session will present several innovative approaches used by state and local governments to help both governmental and commercial facilities change janitorial practices to achieve source reduction and toxics use reduction. Participants will take away practical strategies for contracting, educating, and training janitorial providers in greener practices.

UO • 2

#### SB 546 and Used Oil Lifecycle Assessment (LCA) Update

Tofanelli

[Robert Carlson](#), CalRecycle  
[Christie Bautista](#), DTSC  
[Teresa Bui](#), Californians Against Waste

In 2009, Senate Bill 546, made many changes to the used oil program in California. Now after two years, some of these changes have been implemented, some are in the process of implementation and others are planned to be implemented in the near future. This session will review these changes and provide updates. While topics will include the Used Oil Lifecycle Assessment (LCA), new testing requirements, re-refining incentives, recycling incentives, and the altered manufacturer fee payments among others, the focus of this session will revolve around the LCA and the new testing requirements.

3:15 p.m. – 3:30 p.m.

**Refreshment Break and Exhibit Viewing** ..... Magnolia

3:30 p.m. – 5:00 p.m.

### WORKSHOPS: SESSION THREE

EI • 3

#### Choosing Safer Sanitizers and Disinfectants

Kamilos/Hendricks/Baker

*Moderator:* [Sushma Bhatia](#), San Francisco Department of the Environment  
[Chris Geiger](#), San Francisco Department of the Environment  
[Sarah Janssen](#), Natural Resources Defense Council

Sanitizers and disinfectant products have become ubiquitous, but some of their active ingredients – like triclosan - are raising red flags with researchers and regulators. This session will discuss the health and environmental impacts of triclosan and discuss how San Francisco evaluated alternative disinfectant chemicals. It will feature advice on safer disinfection products and practices, and outline ways that local governments can take action.

## CONFERENCE AGENDA

Wednesday, May 16, 2012

3:30 p.m. — 5:00 p.m.

### WORKSHOPS: SESSION THREE (continue)

#### HHW • 3

#### CalRecycle Electronic Waste (E-Waste) Program

Carr

Jeff Hunts, CalRecycle  
Kevin Sanchez, DTSC

The e-waste recovery infrastructure fostered by the CEW recycling program has resulted in approximately 1.2 billion pounds of obsolete TVs and monitors collected and dismantled in California over the past seven years. However, traditional markets for used CRT glass have diminished, creating challenges for recyclers looking for outlets for this material, even as an increasing amount of non-CRT video displays are joining the e-waste stream. CalRecycle and DTSC have been working on revised regulations to address this. Speakers will present the intent of these new regulations as well as any details that are available at the time of the conference. This session will also provide a review of the e-waste claims and reporting processes, which will benefit both those new to the program and serve as a valuable refresher to those who have been managing e-waste for a decade.

#### P2 • 3

#### The Brilliant Marriage of Energy Efficiency and Renewables: How to Get it Right

Bataglieri

*Moderator:* Peter Millar, University of Nevada, Reno Business Environmental Program  
Dean R. Parker, Peppermill Resort Spa Casino

U.S. buildings are a huge contributor to global warming, using an estimated 42% of the total energy across all sectors and producing two billion metric tons of greenhouse gas annually. This workshop will illustrate the opportunities and strategies for reducing building energy use and greenhouse gas generation by 40% to 60%, combining energy efficiency and alternative energy projects for high-yield, game-changing results. It will feature case studies of available technologies, including geothermal and solar.

#### UO • 3

#### Used Oil Regulation and Enforcement: The DTSC Perspective

Tofanelli

*Moderator:* Christie Bautista, DTSC  
Tolu Awosika, DTSC

This course provides an overview of DTSC's used oil program with emphasis on inspections and enforcement, giving generators and Certified Collection Centers (CCC) insight on the regulatory aspects of used oil. Topics covered include used oil generation, transportation, and recycling. Recent regulatory changes to DTSC's program and its implications on the used oil community will be discussed, along with opportunities for stakeholder collaboration. The course culminates with a case study of used oil management that crosses jurisdictional boundaries.

5:30 p.m. — 7:30 p.m.

**SPONSOR AND EXHIBITOR RECEPTION** ..... Grand Nave Foyer/Magnolia



## CONFERENCE AGENDA

### Thursday, May 17, 2012

|                         |  |
|-------------------------|--|
| 7:00 a.m. – 1:30 p.m.   | <b>Registration</b> ..... Grand Nave Foyer   |
| 7:00 a.m. – 8:30 a.m.   | <b>PaintCare Open House</b> ..... Kamilos/Hendricks/Baker<br>PaintCare Contracting Open House: Alison Keane (PaintCare General Counsel) and Marjaneh Zarrehparvar (PaintCare Executive Director) will give a brief overview of the Municipal Collection Site Contract, followed by time for Q&A. Anyone interested in partnering with PaintCare as a collection site is welcome to drop in to ask questions.   |
| 7:30 a.m. – 3:30 p.m.   | <b>Exhibits Open</b> ..... Magnolia  |
| 7:30 a.m. – 8:30 a.m.   | <b>Continental Breakfast</b> ..... Grand Nave Foyer  |
| 8:30 a.m. – 10:00 a.m.  | <b>Keynote Speaker</b> ..... Camellia/Gardenia<br><a href="#">Charlotte Brody</a> , Director of Chemicals, Public Health and Green Chemistry, BlueGreen Alliance<br><br><i>“Creating a Chemistry of Change”</i><br>The science of how chemicals can harm health has changed dramatically over the last 40 years. Chemicals that we now know can be harmful are in the products we use every day. Charlotte will explore how mothers groups, union members, cities, states, leading companies, and the health care sector are working to create chemical policy reform. She will describe how alternative assessment and green chemistry can create newer, safer products and a new generation of green jobs. |
| 10:00 a.m. – 10:15 a.m. | <b>Refreshment Break and Exhibit Viewing</b> ..... Magnolia  |
| 10:15 a.m. – 11:45 a.m. | <b>WORKSHOPS: SESSION FOUR</b>   |

#### EI • 4

#### **Producer Responsibility: What's Next on the Horizon** Kamilos/Hendricks/Baker

*Moderator:* [Heidi Sanborn](#), California Product Stewardship Council  
[Conrad MacKerron](#), As You Sow  
[Rebecca Ng](#), County of Marin

This panel will discuss four product types ready for producer responsibility approaches in California: packaging, pharmaceuticals/sharps, batteries, and mercury lamps. Everyone in the audience that has complaints from the public on what to do with these products or has an illegal disposal problem such as needles in the recyclables, illegally disposed of lamps and batteries, or packaging litter/marine debris as a result from not having a convenient collection system that is free at end-of-life will be eager to hear this panel.

## CONFERENCE AGENDA

Thursday, May 17, 2012

10:15 a.m. — 11:45 a.m.

**WORKSHOPS: SESSION FOUR** (continue)

### HHW • 4

#### Household Hazardous Waste: Operational and Compliance Issues

Carr

*Moderator:* [Dee Johnson](#), Novato Sanitary District  
[Mary Misemer](#), Department of Toxic Substances Control  
[Elizabeth Rouan](#), San Mateo County Environmental Health  
[Larry Sweetser](#), Sweetser & Associates, Inc., Rural Counties ESJPA

Household Hazardous Waste (HHW) programs are under increasing review by regulatory agencies. Laws and regulations governing HHW operations can often be confusing. This session will provide guidance on ensuring compliance with common and uncommon compliance issues at various HHW program including door-to-door programs, paint collection, Conditionally Exempt Small Quantity Generators (CESQG) acceptance, and responses to Certified Unified Program Agency (CUPA) inspections. Emphasis is on understanding and interpreting regulatory requirements based upon actual experiences.

### P2 • 4

#### Maritime—Regulatory Drivers, P2 Challenges and Safer Alternatives

Bataglieri

*Moderator:* [Virginia St. Jean](#), San Francisco Department of Public Health  
[Katy Wolf](#), Institute for Research and Technical Assistance

The maritime industry includes a wide array of industry types, many with significant P2 and waste issues due to the proximity to open waters. This session will cover common wastes, disposal challenges, HHW issues, used oil collection challenges, safer products for routine boat, and marina maintenance. In addition, the session will include the results of two research projects designed to find, test, and demonstrate new and emerging alternatives to copper antifouling paint for boat hulls.

## CONFERENCE AGENDA

Thursday, May 17, 2012

10:15 a.m. – 11:45 a.m.

**WORKSHOPS: SESSION FOUR** (continue)

**UO • 4**

### **Check it “Oil” Out! Statewide Outreach, Filter Recycling, and OPP Funding**

Tofanelli

*Moderator:* Jeffrey Lin, CalRecycle

Young Yu, SAESHE

Cristina Samiley, SAESHE

Mark Oldfield, CalRecycle

Harnak Samra, CalRecycle

Baljot Biring, CalRecycle

The target audience for this session is jurisdictions who receive CalRecycle funding via the Used Oil Block Grant (UBG) and/or Oil Payment Program (OPP) to carry out local used oil programs. Join us for an update on the statewide “Check Your Number” campaign that replaced the “3,000 Mile Myth” with Mark Oldfield and SAESHE. SAESHE will also be providing guidance on how to increase filter recycling and hosting filter exchange events locally. In the last half of the session, CalRecycle staff will provide an updated overview of the OPP reporting system – how it works and how it differs from the online UBG Annual Report system. Panel speakers will present “lessons learned” as the UBG program transitioned to the OPP program and how to close out those open/final grants. The session concludes with an opportunity for grantees to meet in smaller groups with their respective CalRecycle OPP staff.

11:45 a.m. – 12:45 p.m.

**Luncheon with Awards Presentation** ..... Camellia/Gardenia  
CalRecycle Awards+WSPPN P2 Advocate of the Year Awards

12:45 p.m. – 1:45 p.m.

**Keynote Speaker** ..... Camellia/Gardenia

Dr. Charles Goldman, Distinguished Professor of Limnology Emeritus, University of California, Davis

### *“Lake Tahoe and the World Water Crisis”*

Dr. Goldman has done 52 years of research on Tahoe and Castle Lakes. As Director of the two Research Groups, he pursued long-term ecological research at Lake Tahoe successfully combining effective research and social action with pioneering studies of lake eutrophication. The relationship of science to political change has impacted the Lake Tahoe basin. During the summer of 1997, Dr. Goldman hosted President Clinton and Vice President Gore aboard the UC Davis research vessel John Le Conte during the Lake Tahoe Presidential Forum.



## CONFERENCE AGENDA

Thursday, May 17, 2012

1:45 p.m. — 3:15 p.m.

### WORKSHOPS: SESSION FIVE

El • 5

#### Motivating Behavior Change and Social Media

Kamilos/Hendricks/Baker

Jessian Choy, San Francisco Department of Environment  
Nick Laurrell, S. Groner Associates

Studies show telling people why and how to do the right thing...does not create significant behavior change. This session will present the best new approaches to "make" people collaborate with you, how to get win-win solutions, and how to leverage online and social media strategies to drive effective outreach and behavior change.

HHW • 5

#### What Do the Safer Consumer Product Regulations Mean for Us

Carr

Moderator: Kelly D. Moran, TDC Environmental, LLC  
Heidi Sanborn, California Product Stewardship Council  
Karl Palmer, Department of Toxic Substances Control

DTSC's "Safer Consumer Product Regulations" have been described as "a visionary market-changing path to safer consumer products" and as "too limited to be meaningful." What will they really do? The session will consist of an in-depth panel discussion of the DTSC's "Green Chemistry" regulations, focusing on what they will mean for California local governments. Will these regulations make a dent in HHW? Will the regulations address universal waste or end of life products containing toxic chemicals? Will they prevent water pollution? Will they help our small businesses? What products are priorities?

P2 • 5

#### Investing in Green Lodging: Understanding the Costs/Benefits

Bataglieri

Moderator: Wendi Shafir, US Environmental Protection Agency, Region 9  
Michael Pace, 'W' San Francisco  
Richard Hill, Sheraton Grand Sacramento

The hospitality industry utilizes large amounts of resources including materials, energy, and water. This panel explores different considerations for greening hotels from maintaining an institution's brand to impacting the hotel's bottom line. Explore winning strategies for greening hotels from executives who have implemented successful green lodging programs.



## CONFERENCE AGENDA

Thursday, May 17, 2012

1:45 p.m. – 3:15 p.m.

### WORKSHOPS: SESSION FIVE (continue)

**UO • 5**

#### Keeping Current with Certified Collection Centers

Tofanelli

*Moderator:* [Emily Wang](#), CalRecycle  
[Cheryl Williams](#), CalRecycle  
[Sarah Keck](#), CalRecycle  
[David Gorton](#), County of San Joaquin

This session will cover the basic mechanics of the Certified Collection Center (CCC) program, from registration of new sites to filing claims for used oil, and help local jurisdictions learn how to support and grow these programs. Panelists will discuss pitfalls and lessons learned from the program, and discuss ongoing partnerships between local governments and CCCs that can increase collection of both used oil and filters.

3:15 p.m. – 3:30 p.m.

### Refreshment Break and Exhibit Viewing..... Magnolia

3:30 p.m. – 5:00 p.m.

### WORKSHOPS: SESSION SIX

**EI • 6**

#### Hitting the Mark with Community Outreach: Tales from the Field

Kamilos/Hendricks/Baker

*Moderator:* [John Katz](#), US Environmental Protection Agency, Region 9  
[Benjamin Lucha](#), City of Palmdale  
[Michelle Nicholls](#), SCS Engineers  
[Denise Moreno Ramirez](#), University of Arizona Superfund Research Program  
[Lourdes Veal](#), Sonora Environmental Research Institute, Inc.

Successful social marketing requires us to know our target audience, understand what motivates behavior change, and tailor effective and appropriate communication strategies. This session will feature two community outreach programs that worked to understand their audience and tailor their outreach programs to reach the audience “where they live.” The presenters will provide practical tips and approaches for targeting and reaching DIY’ers and small businesses in minority and low income communities, building lasting community capacity to drive behavior change, and measuring results.

**HHW • 6**

#### Pharmaceutical Ordinances Leading the Way

Carr

*Moderator:* [Burke Lucy](#), CalRecycle  
[Caitlin Sanders](#), San Francisco Department of the Environment  
[Bill Pollock](#), Alameda County Household Hazardous Waste program

Protecting our environment through pharmaceutical disposal legislation can be exceedingly challenging in California and in the U.S. Yet, local ordinances may be leading the way. Program managers, policy advocates, and other HHW stakeholders can see how two local California ordinances are setting a precedent at the national level.

## CONFERENCE AGENDA

Thursday, May 17, 2012

3:30 p.m. — 5:00 p.m.

### WORKSHOPS: SESSION SIX (continue)

P2 • 6

#### The Next Step for State Green Business Programs

Bataglieri

*Moderator:* [Matt McCarron](#), DTSC

[Anna Frankel](#), San Francisco Green Business Program

[Kevin Kumataka](#), San Francisco Green Business Program

[Gail Suzuki-Jones](#), Hawaii Green Business Program

Green Business programs are expanding across the Region, spurred by state and local interest in driving business adoption of pollution prevention. This workshop will discuss how these programs are growing and evolving into new sectors, and are leveraging national tools like Energy Star and LEED to deliver greater environmental results and increased business value to their customers.

UO • 6

#### Got Stormwater Compliance?

Tofanelli

[Patrick Bryan](#), Fresno Metropolitan Flood Control District

[Ryan Bailey](#), Sacramento County

Get a look at best management practices and compliance tips from the local Commercial and Industrial Stormwater Compliance Program implemented by the Sacramento County Environmental Management Department (EMD). Since 2004, EMD has conducted inspections of nine priority business types on behalf of the Sacramento Stormwater Quality Partnership (SSQP), comprised of the cities of Citrus Heights, Elk Grove, Folsom, Galt, Rancho Cordova, Sacramento, and the unincorporated area of Sacramento County. The program is a recognized leader, receiving both the U.S. EPA Clean Water Act Recognition Award for Stormwater Management Excellence and the California Stormwater Quality Association's Outstanding Source Control/Programmatic BMP Implementation Award.

The Fresno Metropolitan Flood Control District provides flood control and urban storm water services in a 400-square mile watershed between the Kings and San Joaquin Rivers. The urban area is served by a system of approximately 600 miles of pipeline and 152 stormwater retention basins. NPDES Storm Water compliance within the District's MS4 permit jurisdiction is unique and offers a model for urban stormwater capturing, groundwater infiltration and stormwater treatment

5:00 p.m.

### Adjourn

## PLENARY SESSIONS

At this year's conference, we are fortunate to have an opening plenary featuring some of California's most influential policy makers.



Debbie Raphael



Caroll Mortensen



Jared Blumenfeld

Debbie Raphael, Director of Department of Toxic Substances Control, Caroll Mortensen, Director for CalRecycle, and Jared Blumenfeld, Director for US EPA's Pacific Southwest Region, will participate in a roundtable discussion on topics of critical importance as we move forward in developing partnerships and strategies for a healthier environment.

Panelists will reflect back on the most effective and important environmental initiatives of the recent past as well as look forward to what the future might hold. The panelists will discuss policy directives, technological innovations, and how we can foster partnerships to reach mutual goals.

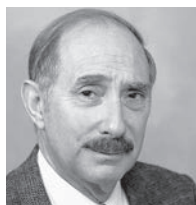
## KEYNOTE SESSIONS



**Jim Hanna, Director of Sustainability, Starbucks**, will speak about finding ways for businesses, government, and NGO's to work together in order to solve complex issues. As part of his work at Starbucks, Jim has been instrumental in solving a very visible part of their business... their cup. Starbucks began an initiative that seeks to have all their cups either recyclable or compostable, and not just theoretically but realistically. Starbucks has been working closely with suppliers, recyclers, local government and others to make this happen. Jim will explain the challenges and successes during this project and some of the lessons learned that can be used by others in similar efforts.



**Charlotte Brody, Director of Chemicals, Public Health and Green Chemistry, BlueGreen Alliance**, will discuss the relationship between chemicals in products and human health. The science of how chemicals can harm health has changed dramatically over the last 40 years. Chemicals that we now know can be harmful are in the products we use every day. Charlotte will explore how mothers groups, union members, cities, states, leading companies, and the health care sector are working to create chemical policy reform. She'll describe how alternative assessment and green chemistry can create newer, safer products and a new generation of green jobs.



**Dr. Charles Goldman, Distinguished Professor of Limnology Emeritus, UC Davis**, will speak on the Lake Tahoe and the World Water Crisis. Goldman has achieved 52 years of research on Tahoe and Castle Lakes and served on many national and international committees. He is frequently sought for consultation and research missions to foreign countries on major environmental problems. He has four books in print, has published over 400 scientific articles, and has produced four documentary films that are in worldwide distribution. Professor Goldman's career work was honored with the 1998 Albert Einstein World Award of Science that recognizes individuals who have accomplished scientific and technological achievements that have advanced scientific understanding and benefited humanity.

## 2012 USED OIL+HHW+WSPPN TRAINING & CONFERENCE

May 15-17, 2012 • Sheraton Grand • Sacramento, CA

### PLENARY AND KEYNOTE PRESENTERS

#### JARED BLUMENFELD

Jared Blumenfeld was appointed by President Barack Obama and Administrator Lisa P. Jackson to serve as EPA Regional Administrator for the Pacific Southwest in November 2009. Region 9 is home to more than 48 million people in California, Arizona, Hawaii, Nevada, the Pacific Islands, and 147 tribal nations.

Mr. Blumenfeld has spent nearly two decades on the front-lines of protecting the environment both at home and internationally. His priorities at EPA include strong enforcement; environmental justice; protecting and restoring our air, land and waters; building strong federal, state, local, and tribal partnerships; and taking action on climate change.

#### CHARLOTTE BRODY

Charlotte Brody is the Director of Chemicals, Public Health and Green Chemistry for the BlueGreen Alliance, a national partnership of labor unions and environmental organizations dedicated to expanding the number and quality of jobs in the green economy. Launched in 2006, the strategic partnership now brings together eight major U.S. labor unions and four of America's most influential environmental organizations and unites nearly 14 million members and supporters in pursuit of good jobs, a clean environment and a green economy.

Before joining the staff of the Alliance, Charlotte was the National Field Director for Safer Chemicals, Healthy Families, a nationwide effort to pass smart federal policies to protect us from toxic chemicals. A registered nurse and the mother of two sons, Charlotte previously served as the Director of Programs for Green For All in Oakland, California and the Executive Director of Commonweal, a health and environmental research institute in Bolinas California. She is a founder and former Executive Director of Health Care Without Harm, an international coalition working to make health care more environmentally responsible and sustainable.

#### CHARLES R. GOLDMAN

Charles R. Goldman, was a founder of the Department of Environmental Science and Policy, at the University of California, Davis, since 1958. He developed the first courses in limnology and oceanography at UC Davis, served as Chair of the Division of Environmental Studies from 1988-1992, and was founding Director of the Institute of Ecology, serving from 1966-1969 and again in 1990-92. He has supervised 100+ graduate students and 32 postdoctoral researchers during five decades at UC Davis. Dr. Goldman has published four books and over 400 scientific articles, and has produced four documentary films that are in worldwide distribution. He has served on many national and international committees and is frequently sought for consultation and research missions to foreign countries on major environmental problems.

He was Chairman of the Board of the Tahoe Baikal Institute from 2009-10 and appointed adjunct Professor at Desert Research Institute, and University of Nevada, Reno 2010-2011. He has been the inaugural President of the World Water and Climate Network since 2003. Goldman's single most important contribution is 52 years of research on Tahoe and Castle Lakes. As Director of the two Research Groups, he pursued long-term ecological research simultaneously at Lake Tahoe at both lakes since 1958 successfully combining effective research and social action with pioneering studies of lake eutrophication. Results were applied to engineering solutions, social needs, and legal decisions. This work has recently included development of artificial wetlands and alternatives to road salt for deicing highways. The relationship of science to political change has impacted the Lake Tahoe basin.



## PLENARY AND KEYNOTE PRESENTERS

### JIM HANNA

Jim Hanna joined Starbucks Coffee Company in November 2005, leading the company's initiatives to minimize its environmental footprint through green building, energy conservation, international procurement, waste minimization and collaboration with partner corporations and NGOs. Prior to Starbucks, he served as Director of Environmental Affairs for Xanterra Parks & Resorts at Yellowstone National Park. In the position, Jim oversaw Xanterra's many progressive environmental initiatives in its operations as the primary concessionaire in the park, including an ISO 14001-certified Environmental Management System. A native of Olympia, Washington, Jim earned a BS in Environmental Sciences from Washington State University and is a U.S. Green Building Council LEED-accredited professional.

### HOWARD LEVENSON

Howard Levenson is currently Deputy Director of the Materials Management and Local Assistance Division at CalRecycle. He was the Advisor to California Integrated Waste Management Board (CIWMB) Board Member Paul Relis from 1991 until 1998. He served as Supervisor of the Organic Materials Management Section at CIWMB until May 2003, and then as Deputy Director of the Permitting and Enforcement Division until May 2007. Prior to his service at CIWMB, he worked from 1983 to 1991 as a Senior Associate in the Environment Program of the Office of Technology Assessment (OTA), a non-partisan analytical support agency of the U.S. Congress. While there he worked on a range of environmental issues, including marine pollution, groundwater pollution, climate change, and municipal and industrial solid waste management.

Dr. Levenson was the primary author of OTA's 1989 assessment, "Facing America's Trash: What Next for Municipal Solid Waste?" He has a Bachelor of Science degree and Master of Science degree in Natural Resources Management from Humboldt State University and a Ph.D. in biology from the University of Kansas.

### CAROLL MORTENSEN

Caroll Mortensen was appointed CalRecycle Director by Edmund G. Brown Jr., in October 2011. As Director, Ms. Mortensen leads efforts on waste reduction and recycling as well as oversight of waste disposal in order to protect public health and the environment.

Ms. Mortensen has an extensive background in the development of environmental policy and legislation. She most recently served as Consultant for the State Senate Committee on Environmental Quality where she analyzed legislation and provided policy guidance related to solid and hazardous waste, and air and water quality.

As Chief Consultant for the State Assembly Committee on Environmental Safety and Toxic Materials from 2005-2007, Ms. Mortensen worked on issues related to hazardous waste, green chemistry, pesticides, brownfields, and other related policy areas.

### DEBBIE RAPHAEL

Debbie Raphael has served as Director of the California Department of Toxic Substances Control since May 2011. She is a scientist, a former program manager at the San Francisco Department of the Environment, and a public policy innovator who is defining today's leading-edge approaches to public health and environmental protection. Throughout a 20-year career in public service, Raphael has advanced meaningful change by forging alliances and creating partnerships to build support for landmark environmental initiatives.

As director, Raphael believes in building fresh confidence that DTSC regulates business with fairness and well-founded science, and that it helps communities struggling with toxic contamination protect their residents and the natural environment. DTSC, under Raphael's leadership, is also inspiring an innovative global shift in product design that will usher in a new generation of less toxic and safer consumer products.



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### WORKSHOP PRESENTERS

**Kimbra Andrews** is a Management Analyst with the San Joaquin County Department of Public Works, Solid Waste Division. She has served San Joaquin County since 2003 and has managed the regional Hazardous Waste Program for the cities and County of San Joaquin since 2005. Her responsibilities include management of the residential and small business hazardous waste programs, retail take-back and transitional EPR partnerships, regulated special wastes, grants, contract administration, source reduction outreach and public education, policy and legislation, and product stewardship initiatives. Ms. Andrews has been an active member of the California Product Stewardship Council since 2006, and has served on the CPSC Board of Directors since 2009. She is also a member of the North American Hazardous Materials Management Association and the Greater Stockton Chamber of Commerce's Green Team San Joaquin. Ms. Andrews earned her Bachelor of Science degree, summa cum laude, in Business Administration with a focus in Economics and a minor in Environmental Studies from Stockton's University of the Pacific. During her studies she volunteered with DeltaKeeper, a chapter of BayKeeper dedicated to preserving the Sacramento-San Joaquin Delta waterways.

**Tolu Awosika** has worked as a Hazardous Substances Scientist for the Department of Toxic Substances Control (DTSC) since 2005. He is currently working in DTSC's Enforcement and Emergency Response Program. His current assignments include developing and coordinating enforcement activities related used oil, and environmental justice. Prior to DTSC, Mr. Awosika worked with the Fresno County Environmental Health Department as a Registered Environmental Health Specialist. Mr. Awosika holds a Bachelor of Science degree in Environmental and Occupational Health and a Master's degree in Public Health; both earned from the California State University of Fresno.

**Ryan Bailey** Sacramento County

**Christie Bautista** serves at the Department of Toxic Substances Control as a Hazardous Substances Scientist overseeing the Department's Used Oil Team. Ms. Bautista is also an instructor for the Cal/EPA Basic Inspector Academy and has taught courses as the Certified Unified Program Agency (CUPA) conferences. Prior to DTSC, Ms. Bautista served at the City of Glendale CUPA program as a Fire/Environmental Specialist, and prior to that as an Environmental Consultant for private industry conducting site assessments. Ms. Bautista holds a Bachelor of Science in Environmental and Occupational Health, and a Master of Public Administration both obtained from California State University Northridge. Currently, Ms. Bautista is a Doctoral student of Public Administration at the University of La Verne.

**Erin Billman** believes that sustainability is an incredible business opportunity, and that doing the right thing and making money go hand in hand. Erin brings nearly ten years of business and strategy consulting experience to help her clients create, communicate, and execute on strategic initiatives. At Blu Skye, Erin has worked with on the Sustainability Index, Merchandising, and Agriculture strategies and with the U.S. battery industry on designing a national system for battery recycling. Prior to joining Blu Skye, Erin was a Case Team Leader at Bain & Company, where she worked with industry leaders from retail, technology, healthcare, and gas & electric utilities. She has experience applying a suite of tools including growth strategy, performance improvement, organizational design, due diligence, and operations / project planning, to address companies' most critical issues and opportunities.

**Baljot Biring** attended California State University, Sacramento, obtaining his Bachelor of Science in Finance and Risk Management Insurance. He started his State government career in 2006, joining the former California Integrated Waste Management Board as a student. As a student, he provided support to Grant Managers in the UO and Household Hazardous Waste Program grant programs. Baljot is on the UO Certified Collection Centers team, in addition to managing grants and OPP for the greater Los Angeles County region.

## WORKSHOP PRESENTERS

**Patrick Bryan** has over 17 years of experience in the environmental and regulatory field. He is currently the Environmental Resources Technician for the Flood Metropolitan Flood Control District. Duties include National Pollution Discharge Elimination Systems (NPDES) site evaluations and regulatory compliance inspections for the Commercial/Industrial and Construction/Development businesses, community outreach and education as well as regulatory training and compliance assistance. He also serves as a board member for the Western Sustainability and Pollution Prevention Network (WSPPN), Central Valley Water Awareness Committee. And in 2009, he received the Western Regional Fair Associations Blue Ribbon Award for his contribution to the Big Fresno Fairs education program

**Teresa Bui** Teresa is a Policy Associate for CAW, and her focus areas are: bottle bill, electronic waste, household hazardous waste and extended producer responsibility. She received her B.S. in Environmental Policy and Planning Analysis from the University of California, Davis. Prior to working at CAW, Teresa interned for the State Water Resource Control Board, and the City of Davis Community Development Department. She's currently a fellow for the New Leaders Council and a member of the Asian Pacific Islander Capitol Association (APICA).

**Jeff Burke** National Pollution Prevention Roundtable

**Robert Carlson** is a Senior Integrated Waste Management Specialist at CalRecycle working in the used oil program. Currently Robert is responsible for various technical aspects of the used oil program and in particular is leading the effort to complete the Lifecycle Assessment for used oil as required by SB 546. Robert also has also worked at CalRecycle in the tire program, plastics and packaging, as well as Extended Producer Responsibility.

**Connie Cloak** is a partner in C2: Alternative Services, a consulting firm assisting local governments and businesses with environmental programs, especially public education regarding waste reduction and recycling. Before joining Chris Carrieri to create this business in 1993, she was the Environmental Affairs Coordinator for a restaurant chain. Her other past lives include non-profit director, native plant horticulturist, and zoo keeper.

**Rob D'Arcy** is the Hazardous Materials Program Manager for the County of Santa Clara Department of Environmental Health. Rob has a Bachelor's degree in Environmental Studies and a Master's degree in Public Administration. For eleven years, he has been the Hazardous Materials Program Manager for Santa Clara County's Household Hazardous Waste Program. He was responsible for the design, construction and permitting of three household hazardous waste facilities. Rob has developed special program components, such as the Universal Waste Retail Take-it-back Partner Program to offer convenient and cost effective solutions for residents throughout the County. Rob is also a strong supporter of Producer Responsibility and believes industry take-back is the most constructive mechanism to achieve sustainability and reduce the local government burden of hazardous waste management.

**Paula J. Del Giudice** has been Executive Director of the Pacific Northwest Pollution Prevention Resource Center (PPRC) since December 2008. She brings over 25 years of nonprofit management to the organization together with many years of experience in environmental policy advocacy. PPRC staff work with MEPs to bring the "green" to their Lean assessments and have been active in the Northwest supporting Lean and Green efforts, including providing technical support and facilitation to the E3 (Economy, Energy, & Environment) partners in the region. Ms. Del Giudice also co-facilitates the National Pollution Prevention Roundtable's (NPPR) Lean and Environment Workgroup. She has a Bachelor of Science degree in Business Administration from the University of Nevada, Reno, and a M.Ed. from Regis University, Denver. Prior to coming to PPRC, Ms. Del Giudice was the Director of the National Wildlife Federation's West Coast office.





## WORKSHOP PRESENTERS

**Mary Dougherty** has worked in Stanford University's Department of Environmental Health & Safety for over 20 years as an industrial hygienist. She serves as the University's Chemical Hygiene Officer and oversees various laboratory safety program areas. She participated in the California Nanosafety Consortium of Higher Education."

**Cynthia Dunn** is an Integrated Waste Management Specialist at the California Department of Resources Recycling and Recovery (CalRecycle) where she works on issues related to extended producer responsibility, household hazardous waste, and universal waste. She is co-lead for a team tasked with implementing CalRecycle's responsibilities under the new California paint stewardship law. Other projects include work related to identifying and quantifying the economic, environmental, and other impacts of product stewardship programs. Cynthia has over 10 years' experience in the environmental field in both the private and public sectors and earned her Bachelor of Science degree from San José State University in Environmental Studies with a minor in Packaging Technologies.

**Anna Frankel** received her Master's degree in Environmental Management from Duke University and a Bachelor of Science degree from UC Berkeley. Before coming to the SF Green Business Program, Ms. Frankel worked in the air quality field with Sonoma Technologies, Inc. in Petaluma and at ICLEI—Local Governments for Sustainability in Oakland. She has experience in air quality and GIS analyses, climate action planning, greenhouse gas emission inventories, and working with local government to assist in their climate efforts. Her current work with the SF Green Business Program allows her to support local San Francisco businesses to become recognized Green Businesses, helping them save money, connecting available City resources to businesses, and providing expert assistance for improving greening efforts.

**Kathy Frevert** serves as a team leader for Product Stewardship at the California Department of Resources Recycling and Recovery (CalRecycle) and currently is focused on overseeing the implementation of the California Carpet Stewardship Program. In 2007 the product stewardship team was charged with implementing CalRecycle's strategic directive that seeks statutory authority to foster "cradle-to-cradle" producer responsibility and to develop producer-financed and producer-managed systems for product discards. The team now embarks on implementing two new recycling laws for carpet and paint. This is Ms. Frevert's 20th year at CalRecycle (formerly the California Integrated Waste Management Board). During this time she facilitated activities for the State's Environmentally Preferable Purchasing (EPP) Task Force (2005-2007) and Sustainability Building Task Force (2000-2004), an inter-agency task force that worked on the state's first LEED green building projects.

**Daniel Q. Garza** has over 24 years of experience in the environmental management field. He has worked on pollution prevention and source reduction projects for Cal/EPA's Department of Toxic Substances Control's Office of Pollution Prevention and Green Technology, and is currently in the Department of General Services' Procurement Division's Environmentally Preferable Purchasing Unit, developing green contracts for the commodities that are purchased by the State of California.

**Chris Geiger** manages the Green Purchasing and Integrated Pest Management (IPM) Programs for the City and County of San Francisco, California. The Green Purchasing or "SF Approved" Program is a leader in developing environmentally friendly specifications for a wide variety of products purchased by City departments, such as cleaning products, papers, computers, and lighting products. Dr. Geiger coordinates program activities, manages consultant contracts, and conducts technical reviews. The San Francisco IPM Program has reduced the City's pesticide use by about 80% since its inception, received the National IPM Achievement Award in 2006, and has been widely emulated nationwide. He served until recently as a member of the US Green Building Council's Materials and Resources Technical Advisory Group, sits on the Steering Committee for the national Responsible Purchasing Network, and is on the Board of Directors for the Bay Friendly Landscaping Coalition, which seeks to promote the Bay Friendly Landscape guidelines and certifications throughout the region. He has published a variety of technical documents on ecological pest management and environmentally preferable purchasing, and is also an avid musician and backpacker.



## WORKSHOP PRESENTERS

**David Gorton** is a Management Analyst with the San Joaquin County Department of Public Works, Solid Waste Division. He has served San Joaquin County since 2006 and has managed over \$1 million in Used Oil Program funds for the cities and County of San Joaquin. His responsibilities include oversight for a variety of diversion and materials management programs and pilots along with grants, contract administration, outreach and public education and strategic planning. David authored and implemented San Joaquin County's Construction, Demolition and Landscape Debris Recycling and Diversion Ordinance. He is a member of SWANA and the Greater Stockton Chamber of Commerce's Green Team San Joaquin. David earned his Bachelor of Business Administration with an emphasis on Management and Pre-law from Loyola Marymount University.

**Richard Hill** joined the Sheraton Grand Sacramento as General Manager in September, 2011. He began his career with Starwood Hotels and Resorts in 1988 at the Westin Hotel in Calgary. Previous roles have included General Manager of the W Silicon Valley and most recently, Hotel Manager at the Westin St. Francis in San Francisco. Richard has championed many sustainable projects at his hotels from energy to water to waste. Working closely with associates and suppliers, he has been able to improve processes, lower costs and reduce our carbon footprint. Some of the key conversions implemented at the Westin St. Francis included working with the room attendants to improve the recycle diversion from the low 30% range to a consistent 65%; implementation of food waste recycling in the kitchen; and changing the garage lighting to CLF's, resulting in improved lighting and lower energy costs.

**Jeff Hunts** has been with CalRecycle and its predecessor organization for over 21 years. For the past decade he has focused on the diversion, recovery and recycling of electronic waste and currently manages CalRecycle's responsibilities under the Electronic Waste Recycling Act.

**Sarah Janssen** is a senior scientist in the health and environment program at NRDC in San Francisco. In her capacity as a scientist with NRDC, Dr. Janssen provides scientific expertise for policy and regulatory decisions on a number of toxic chemicals, including hormone-disrupting substances which interfere with fertility and reproduction. Her work has included research on flame retardants, cosmetics, plastics and plasticizers, breast cancer and threats to adult reproductive health and child development. Dr. Janssen is board-certified in preventative medicine, with a subspecialty in occupational and environmental medicine. She is an assistant clinical professor at the University of California, San Francisco where she is conducting clinical research, and she works part-time at Kaiser Permanente of Northern California. She completed her M.D. and Ph.D. in molecular and integrative physiology at the University of Illinois, Urbana-Champaign in 2001, and did her residency training at the University of California, Berkeley. Dr. Janssen is the author of numerous peer-reviewed publications and book chapters.

**Alison Keane** is an Environmental Attorney with over 15 years of experience in both the private and governmental sectors. She is currently the Vice President for Government Affairs with the American Coatings Association and responsible for the Architectural Coatings and Government Affairs Committees. She also served as the Executive Director and now General Counsel and Corporate Secretary for the recently formed PaintCare stewardship organization. Other employment experience includes the Environmental Protection Agency's Headquarters office, the Maryland State Senate and private practice. Alison has her Bachelor of Arts degree in Biology from St. Mary's College of Maryland and her JD from Golden Gate University in San Francisco. She is admitted to the practice of law in both Maryland and the District of Columbia.

**Sarah Keck** is the Chief Accounting Officer for CalRecycle, and has been with the Department for the past seven years. Among her other responsibilities, Sarah has been instrumental in safeguarding the integrity of the Department's reporting and fiscal systems through three major reorganizations. Sarah is currently serving in an acting capacity as the Branch Chief of Fiscal Services, overseeing the work of both Accounting and Budgets. Prior to arriving at CalRecycle, she was a Financing Specialist at the California Debt and Investment Advisory Commission, responsible for public reporting on debt issuance and various financing instruments in California. Sarah began her career in State Service as an Accountant at the California Department of Transportation. Sarah graduated from California State University Sacramento in 2001 with a Bachelor's degree in Accounting.



## WORKSHOP PRESENTERS

**Cynthia Knowles** is a Residential Toxics Reduction Specialist with the San Francisco Department of the Environment (SF Environment). She works closely with urban neighborhoods to promote the reduced use of household chemical products and proper household hazardous waste disposal and recycling. The community-based programs she designs and promotes provide tools to help residents adopt safer cleaning and pest control practices. Prior to joining SF Environment in 2005, Ms. Knowles managed an array of rural community waste reduction and private sector clean production programs in Chile for nongovernmental and public organizations for five years.

**Kevin Kumataka** graduated with honors from UC Berkeley with a B.S. in Conservation Resource Studies and a minor in Global Poverty. While at Berkeley, Kevin interned at the Global Alliance for Incineration Alternatives, a zero waste advocacy group, working towards healthier and safer solutions for waste disposal. After graduating, he worked at Wiser Earth, a non-profit which sought to build collaboration, communication, and knowledge sharing for the environmental and social justice movement. Kevin now works as a Green Business Associate for the SF Green Business Program. His current projects include assisting businesses through the Green Business recognition process, conducting a paint disposal pilot project, and processing Clean Technology businesses for the Clean Technology Payroll Expense Tax Exclusion.

**Nick Laurrell** is a Business Specialist with S. Groner and Associates. He has worked with some of the most effective applications of online and social media in the municipal environmental world.

**Benjamin Lucha** has been with the City of Palmdale since May of 2007. His responsibilities as the Senior Analyst for the Public Works Department include overseeing most of the City's environmental programs (such as solid waste, recycling, household hazardous waste, air quality, and energy), overseeing the department's budget, and department outreach. In addition to his Public Works related duties, he also works on projects with other departments, such as working extensively with the Communications Department on several outreach efforts and serving as chair for the City's Hispanic Outreach Committee. Prior to arriving to the City, he worked with another jurisdiction working primarily on solid waste related issues. Ben has over thirteen years' experience in the environmental field, with twelve working in the public sector.

**Conrad MacKerron** is Senior Director of the Corporate Social Responsibility Program at As You Sow, a non-profit which uses dialogue and shareholder advocacy to promote progressive corporate social and environmental policies at publicly traded companies. He has led environmental initiatives on behalf of investors at Apple, Best Buy, Coca-Cola, Dell, Hewlett-Packard, Home Depot, Nestle Waters NA, and PepsiCo., among others. Conrad is a past board member of the Social Investment Forum, the trade association of ethical investment professionals. A former journalist, he served as Washington Bureau Chief for *Chemical Week* and writer for *BNA Environment Reporter*. He is the author of *Unlocking the Power of the Proxy* (Rockefeller Philanthropy Advisors, 2004) and *Business in the Rainforests: Corporations, Deforestation and Sustainability* (IRRC, 1993). He holds a Master's degree in Journalism and Public Affairs from The American University (Washington, D.C.).

**Mary Misemer** graduated from college with a degree in chemistry so long ago that the newest discovered element was dirt. She has worked for DTSC for almost 25 years in almost every program or closely with every program starting with Enforcement. Currently is serving as a Regulatory Assistance Officer assisting primarily generators, transports and other regulators with the application of the California Hazardous Waste Management Act. In her spare time Mary loves riding her horse and spoiling her granddaughter.

## WORKSHOP PRESENTERS

**Kristina Miller** is the Landfill Agency Manager for the Tehama County/Red Bluff Landfill Management Agency and the Tehama County Sanitary Landfill Agency. For the past six years, Kristina Miller has been employed with Tehama County first as a Recycling Coordinator, then as a Solid Waste Program Manager, and for the last three years as the Landfill Agency Manager. Over the past six years Tehama County developed numerous recycling programs including a curbside Alkaline Battery Recycling Program, Fluorescent Light Recycling Campaign, Medical Waste Sharps collection program, Retail Latex Paint Recycling program, mattress recycling program, and is working to develop a carpet recycling program. Tehama County was the first County to coordinate with public and private entities to develop a free, convenient, and safe method to recycle fluorescent lights. Tehama County was also the first County in the state of California to develop a curbside alkaline battery recycling program. Kristina is passionate about her work and believes coordination is key to success. Kristina Miller earned a master's degree in Environmental Geography and a bachelor's degree in Restoration Ecology and Environmental Education from California State University, Chico.

**Mike Morris** is an Air Quality Specialist, writing regulations and evaluating emerging technologies, for the South Coast Air Quality Management District (AQMD). Mike's current projects with the AQMD include paint and lacquer thinners, consumer products, petroleum storage tank degassing and metalworking fluids. As a Program Manager at the Institute for Research and Technical Assistance, Mike conducted pollution prevention research and development in a variety of fields including aerospace cleaning and coating, automobile repair cleaning, adhesive use in furniture manufacturing, furniture stripping, garment care, ink application cleaning, medical device cleaning and metalworking fluids. The primary focus of his research was to develop, test and demonstrate low- and non-solvent technologies. Mike earned his BS degree in Astrophysics at the University of California at Los Angeles (UCLA).

**Michelle Nicholls** has over ten years of experience in environmental program design and implementation. She works with municipalities and private industry in a variety of solid waste elements, including policy-making; strategic planning; feasibility studies; program development and support; economic analysis; forecasting; and public involvement. Her project portfolio includes design of a number of public information, education, and outreach items. Ms. Nicholls has been called upon to not only design, but to facilitate the rollout of some or all aspects of a media campaign. She has also coordinated events and has developed a number of recycling programs. She served as Director of the Recycling and Special Waste Technical Division of the Solid Waste Association of North America and is Chair of the South Bay Business Environmental Coalition.

**Rebecca Ng** has been the Director of Environmental Health Services for the County of Marin for three (3) years. She has been an Environmental Health Specialist in the Bay Area for over 30 years with the last 20 years focusing on the management of waste: liquid, solid, and medical waste. Ms. Ng currently serves as the Chairperson for the CCDEH Solid Waste Policy Committee.

**Mark Oldfield** is CalRecycle's acting assistant director for public affairs. As head of CalRecycle's communications efforts, Mr. Oldfield manages media relations and public outreach efforts to help inform and educate California residents about issues including resource conservation, recycling, and waste reduction. Over the course of 18 years in state service, Mr. Oldfield has worked on a variety of statewide education campaigns, including reducing unnecessary oil changes, beverage container recycling to conserve energy and natural resources, and tire sustainability to maximize vehicle tire life and reduce the number of waste tires that need to be recycled. While working at the California Department of Conservation, Mr. Oldfield managed outreach related to earthquake hazards, land conservation, oil and gas production, and surface mining. Prior to his work in state government, he was a newspaper reporter and editor at the Sacramento Union, where over the course of his career he covered sports, entertainment, and business news and served as features editor and business editor. Mr. Oldfield holds a Bachelor's degree in communications from California State University, Sacramento.





## WORKSHOP PRESENTERS

**Michael Pace** is the General Manager of the four-diamond W Hotel San Francisco, Michael led an employee-driven program to pursue LEED Silver Certification - the first major brand hotel in the world to receive LEED recognition for an existing building. Before arriving at the W San Francisco, Michael managed several Kimpton Hotels, as well as serving in a dual role as the corporate Director of Environmental Programs where he was responsible for the creation of the "EarthCare" program, an effort to lead the hospitality industry in supporting a more sustainable world. W Hotel has also received the Energy Star rating and other state wide sustainability awards. Michael serves on the San Francisco Travel Association (SFTA) and California Hotel and Lodging Association (CH&LA) board of directors. He is a Chairman and President of HARF (Hotel and Restaurant Foundation). He is an advisory board member for City Car Share. In 2011, Michael was recognized as "Outstanding GM of the Year" for California by the CH&LA.

**Karl Palmer** has worked for DTSC as a Hazardous Substances Scientist for more than 20 years. Mr. Palmer is current a branch manager in DTSC's Office of Pollution Prevention and Green Technology. His past experience includes management positions in DTSC's Regulatory and Program Development Branch, where he was responsible for technical support, program policy development and regulations development for hazardous waste classification, recycling, household hazardous waste, electronic waste and universal wastes and in DTSC's Emergency Response Unit. Earlier in his career, he worked in various DTSC programs performing assessments, conducting investigations for site cleanup, cost recovery and enforcement at state superfund sites. Mr. Palmer holds a Bachelor of Science degree in Resource Sciences from the University of California, Davis.

**Dean Parker** is a graduate of Oregon State University, Corvallis, Oregon with a Bachelor of Science degree in Environmental Health and Safety Engineering, as well as University of Nevada, Reno, Nevada with an Associate's Degree in Gaming Management Certification Program. Dean worked at Seeno Construction Company as Director of Risk Management where he worked 10 years with two of the four Peppermill Owners, managed Construction Operations, claims, security, and Risk Management personnel for the fifth largest Contractor in California. He transferred from Seeno Construction to the Peppermill in 1996, and has been employed with the four owners for over 25 years. He manages and directs over 250 engineers, security, special effects, and construction workers. He has managed existing shallow geothermal well operations since 1996. He oversees the new deep geothermal well operations since June 2010. At Peppermill Spa Resort, he is Executive Facilities Director. The Peppermill deep well geothermal systems are now providing 100% renewal heat energy to our entire 2.2 million square foot campus. All four Cleaver Brook boilers are now sitting on their concrete pads, completely shut down and saving the Peppermill up to \$2 million dollars in natural gas use, and reduced over ten thousand pounds of carbon emissions per year. Geothermal energy is used to heat all mechanical hydronic HVAC systems, domestic hot water heat, swimming pools, and Jacuzzi's.

**Michele Pierce** received her Bachelor's degree in biochemistry from Arizona State University. An active advocate in the environmental justice community, Michelle has spent her life working towards giving a voice to the disadvantaged and disenfranchised. Of particular interest is turning scientific speak in to everyday language so that communities affected by poor environmental conditions can make informed decisions in protecting their own health and wellbeing.

**Bill Pollock** Alameda County Household Hazardous Waste program

**Denise Moreno Ramírez** is the Community Engagement Coordinator for The University of Arizona Superfund Research Program. She is primarily focused on developing community outreach projects and research translation products for diverse stakeholders in Arizona, Mexico, and the U.S.-Mexico Border region. She has experience collaborating directly with economically disadvantaged citizens regarding transboundary water resources and environmental contamination issues. Ms. Moreno Ramírez received a Bachelor of Science degree in Environmental Sciences with a minor in Biology from Northern Arizona University and an M.S. in Watershed Management from The University of Arizona. She was born in Nogales, Sonora, Mexico and was raised in the "Ambos Nogales" area. Due to her experience as a Border resident, she was motivated to become a scientist and focus her efforts on environmental disparities.



## WORKSHOP PRESENTERS

**Elizabeth Rouan** graduated from the University of California, Santa Cruz with a Bachelor of Arts degree in Biology and Environmental Studies in 1989. She worked as an environmental consultant, conducting Property Transfer Assessments. She managed soil and groundwater clean-ups at contaminated properties for San Mateo County for eight years. She then transferred to the Household Hazardous Waste Program and was promoted to Program Coordinator in 2006. Ms. Rouan also volunteers with the Golden Gate Raptor Observatory (GGRO) in the Radio-Telemetry Program since 1992, and Mid-Peninsula Regional Open Space District in Habitat Restoration Projects since 2006. She has written numerous GGRO season summaries that are published in the annual Pacific Raptor Report. Her 1999 summary was reprinted in Whole Earth (Spring 2001), a national quarterly magazine.

**Neena Sahasrabudhe** worked as a research scientist in the industry and taught in California State University, prior to working at Department of Toxic Substances Control (DTSC). Dr. Sahasrabudhe leads the team on implementation of Mercury Thermostat Collection Act; California's first extended producer responsibility (EPR) law and at present working with the management on developing regulations for the EPR law. As a part of project, collaborated with manufacturers, NGO's, local and other state agencies on outreach, and strategies for effective implementation of the law. Dr. Sahasrabudhe also leads Nano silver for DTSC's work on emerging technologies and has established a memorandum of understanding (MOU) with other state department to work on Nanosilver and presented research findings to other agencies and international organizations/associations.

**Cristina Samiley** is an Account Executive at SAESHE and the day-to-day manager for the "Check Your Number" campaign and the Used Motor Oil Filter Recycling pilot program in Kern County this year. She manages the multi-prong marketing campaign, including public relations, advertising, events, corporate partnerships, and website management.

**Harnak Samra** attended California State University, Sacramento obtaining his Bachelor of Science degree in Business Management. His State government career began in 1998 with the Employment Development Department, where he served as a Grant Manager. In 2007, Harnak joined CalRecycle's Used Oil Program. He currently serves as a Lead Program Advisor for the Used Oil Block Grant and OPP; and manages grants for several cities in the Los Angeles region.

**Heidi Sanborn** is the Executive Director of the California Product Stewardship Council. Heidi has been active in the solid waste industry in California for 20 years, working in various public and private positions including with consulting firms to cities and counties on reducing waste and increasing recycling, as an independent consultant, and serving in state government as the technical advisor to the Chair of the California Integrated Waste Management Board (CIWMB), now CalRecycle. Heidi is a graduate of the University of California at Davis and received a Master's of Public Administration from the University of Southern California.

**Kevin Sanchez** is a hazardous substances scientist in the Department of Toxic Substances Control's (DTSC) Office of Pollution Prevention and Green Technology, where he has worked for 2 years. Currently he works for the Toxics in Products Section, providing regulatory assistance to HHW facilities and the CUPAs authorizing those facilities. He is also involved in other hazardous waste-related work, including programs that regulate the collection of electronic waste and major appliances. Prior to coming to DTSC Mr. Sanchez worked for 10 years in an Environmental testing laboratory.

**Caitlin Sanders** is a Toxics Reduction Associate at the San Francisco Department of the Environment. Her work focuses on EPR initiatives, development and implementation of Household Hazardous Waste programs, and public education on toxics reduction strategies. Caitlin holds a B.S. in Environmental Chemistry, and has previously held jobs in transportation planning, climate-focused non-profit work, and marine science research.



## WORKSHOP PRESENTERS

**Michael Simpson** has over 25 years' experience in Public Works Engineering Projects, including, roadway design, geotechnical investigation, port development, treatment plant design and construction, emergency operations, change management, liaison to appointed and elected officials, pretreatment and source control administration. The last seven years of Michael career has been served as Program Manager for the City of Los Angeles Pre-Treatment Program. At this position Mr. Simpson has been a "change agent" for the agency and has received many local and national awards. Michael has been a leader in bringing a project management culture to over 4000 employees in the Department of Public Works Engineering and Sanitation Bureaus in the City of Los Angeles. He has led many initiatives for the Department and is most proud of assisting in creating a Project Management Guidelines handbook for the Bureau of Sanitation with collaborative web base tools. Mr. Simpson currently serves as Past President of the Los Angeles Council of Engineers and Scientist, and is an active member of the California Water Environment Association, and the American Public Works Association, American Society of Civil Engineers, National Society of Black Engineers Alumni Chapter and a Board member for the National Pollution Prevention Roundtable (NPPR).

**Swati Sharma** is the Commercial Toxics Reduction Coordinator with San Francisco's Department of Environment. She is responsible for developing, implementing programs and policies for San Francisco's businesses. She is currently working on a Green Cleaning Initiative, for Janitorial companies and a Healthy Nail Salon Recognition Program. She has a Master's Degree in Global Environmental Health and Development, with a focus on toxicology from University of California, Berkeley and a Bachelor's Degree in Microbiology, Immunology and Molecular Genetics from University of California, Los Angeles. She has previously worked on health and environmental assessments of black carbon and health impacts from climate change.

**Gail Suzuki-Jones**, Energy Analyst and LEED Accredited Professional, has worked with the Strategic Industries Division at the State of Hawaii's Department of Business, Economic Development and Tourism since 1997. She currently co-chairs the General Contractors Association of Hawaii's Sustainable Construction and Renewable Energy Committee, has co-chaired the Honolulu Chapter of the American Institute of Architecture's Committee on the Environment (AIA COTE) and is an active member of the US Green Building Council Hawaii Chapter's Education and Green Schools Committees. With government, non-profit, and private sector experience in the implementation of energy and resource-efficient design and construction practices, Gail works closely with business, community and government entities to implement energy and resource efficient green building and green business programs, projects and measures.

**Larry Sweetser** has provided guidance to Household Hazardous Waste programs throughout California for over 20 years and specializes in regulatory assistance to local government and facility operators on the design, operation, permitting, and compliance of Household Hazardous Waste programs. Larry has been assisting with the California Annual Household Hazardous Waste Conference Training Sessions since 2002 as well as providing assistance for the Rural Counties' Environmental Services Joint Powers Authority. Larry frequently participates in regulatory discussions related to HHW operations.

**Thomas Vinson** Zero Waste Network

**Lourdes Vea** is a Senior Environmental Health Promotora for SERI where she has worked on environmental health and safety issues for over six years. She is the Program Manager for the Business Pollution Prevention Program and has conducted over 800 business visits. She works with businesses to reduce their use of hazardous materials and improve their health and safety programs. She also coordinates the promotora training program, conducts healthy home assessments, refers families for medical care, supervises volunteers and organizes community presentations. In addition to being certified as a Community Health Advisor, she has Masters degrees in Education and Administration.

## WORKSHOP PRESENTERS

**Emily Wang** is an integrated waste management specialist at the Department of Resources Recycling and Recovery (CalRecycle) where she works on issues related to extended producer responsibility, household hazardous waste, and used oil. She is co-lead for a team tasked with implementing CalRecycle's responsibilities under the new California paint stewardship law. She has worked at the California Department of Resources Recycling and Recovery (CalRecycle) for four years, serving as a technical advisor on the used oil and household hazardous waste programs, compiling data and collection statistics statewide through the form 303 and other annual reports. Emily attended the California Institute of Technology, obtaining her Bachelor of Science degree in biology.

**Cheryl Williams** is a supervisor for CalRecycle's Used Oil and HHW Grant Programs, and the Used Oil Certified Collection Center (CCC) Program. Previously, she worked in the Office of Education and the Environment implementing the environmental education curriculum (EEI) for California's K-12 public education system. Cheryl also worked as a grant manager in UO/HHW and implemented AB 939 recycling programs and policies with local jurisdictions while with the Office of Local Assistance. Before joining CIWMB in 1998, Cheryl worked for State Department of Parks and Recreation for over 20 years. Cheryl holds a bachelor's degree in Environmental Studies from California State University, Sacramento.

**Katy Wolf** has identified, tested, developed and demonstrated safer alternatives in a variety of industrial and consumer product applications over the last 30 years. Her research has led to a reduction in more than 100 tons per day of hazardous substance use in California. She has a Ph.D. in Chemical Physics.

**William Worrell** is a professional engineer with 34 years of experience in solid and hazardous waste management. He has been the Manager of the San Luis Obispo County, California USA Integrated Waste Management Authority since 1995. Prior to San Luis Obispo he was responsible for solid and hazardous waste programs in San Diego and Miami. Mr. Worrell received a Bachelor's degree and Master's degree in Engineering from Duke University. He is a coauthor of the college textbook entitled "Solid Waste Engineering" and has authored and/or presented 47 professional papers.

**Young Yu** is the Senior Vice President at SAESHE, the marketing contractor for the "Check Your Number" campaign. With over 15 years of experience in public education campaigns, she leads the SAESHE team's integrated marketing campaign on behalf of CalRecycle. She has also been the principle lead for Los Angeles County Department of Public Works' (LADPW) Used Motor Oil and Filter Recycling Program since 2008.

**Marjaneh Zarrehparvar** is Executive Director of PaintCare. PaintCare, a nonprofit 501(c)(3) organization, was created by the American Coatings Association to serve as their industry's stewardship organization for the purpose of managing postconsumer paint. Prior to joining PaintCare, Marjaneh managed San Francisco's household hazardous waste and toxics reduction programs, including crafting and advocating for state and local level-product stewardship and public health legislation.



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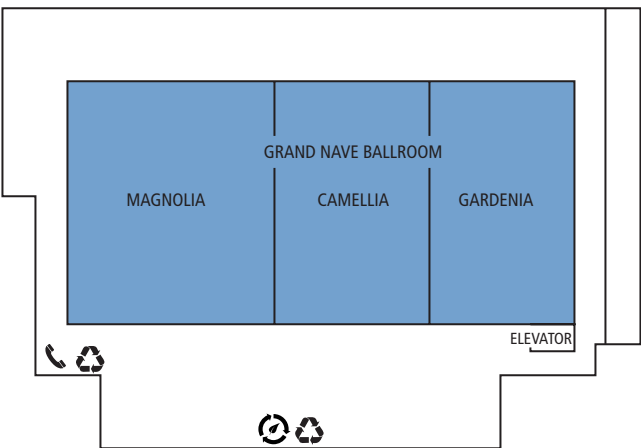
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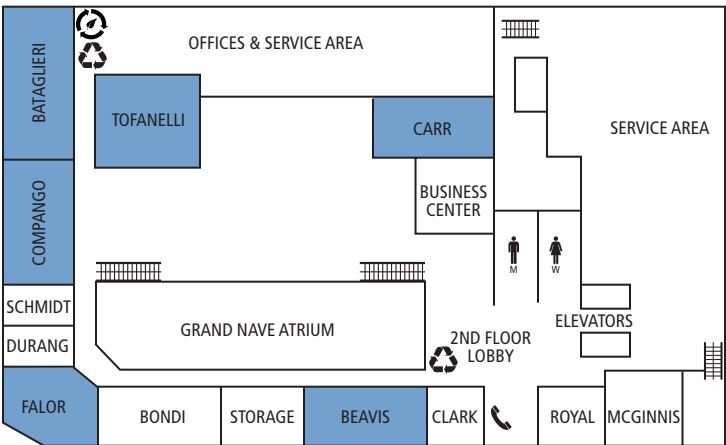
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