

Challenges in Agricultural Health and Safety



Conference Announcement and Call for Posters



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September 7–9, 2003

Crowne Plaza Union Square

San Francisco, California

Sponsored by:



Western Center for Agricultural
Health and Safety



Pacific Northwest Agricultural
Safety and Health Center



Center for Occupational
and Environmental Health



*National Institute for
Occupational Safety and Health*

About the Western Center for Agricultural Health & Safety and the Pacific Northwest Agricultural Safety & Health Center

The Western Center for Agricultural Health & Safety and the Pacific Northwest Agricultural Safety & Health Center are devoted to health and safety issues in modern agriculture affecting farm workers, farm families, workers in agriculture-associated industries, and consumers of agricultural products. The underlying purpose is to reduce or eliminate chronic and acute illnesses and injuries associated with agricultural practices, commodities, and products. The Western Center for Agricultural Health & Safety and the Pacific Northwest Agricultural Safety & Health Center would like to invite the submission of poster abstracts dealing with all aspects of occupational and environmental health and safety in agriculture.

Call for Posters and Instructions for Authors

Posters dealing with topics such as: fieldworker safety; exposure assessment and injury/illness surveillance (chemical, zoonotic, etc.); prevention and intervention (educational, engineering, and behavioral approaches); health care access and delivery; minority, women's, and children's issues; issues of aging among farmers and farm workers, and susceptible populations; sociological and cultural issues; policy and economics; community health; and diagnosis and treatment are invited. Posters should be no larger than 3' X 6' (landscape format). The text and tables should be readable 4 feet away. Removable plastic adhesive should be used to attach posters to the walls.

Instructions for Poster Abstract Preparation and Submittal

- Form of submittal: It is preferred that abstracts be submitted by attached-message email, although they



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may also be submitted through the U.S. mail, as hard copy or on zip disks (formatted for PC or Mac). All abstracts submitted in electronic form, either by email or on zip disk, must be in WordPerfect, Microsoft Word, or ASCII text.

- Limit abstracts to 300 words or less (including title, authors, and affiliations). Abstracts with greater than 300 words will be edited.
- Submittal format: The first line of the abstract should contain the title in **BOLD, CAPITAL** letters, followed by the author name(s) and address(es). Underscore the presenter's name. Skip one line and begin the text (follow example below).

PESTICIDE EXPOSURE AMONG FARM WORKERS IN THE WESTERN UNITED STATES. John Smith, University of California School of Medicine, Davis, California, 95616, and Martha Jones, California Department of Pesticide Regulation, 1001 I Street, P.O. Box 4015, Sacramento, CA 95812-4015

Farm workers in the Western United States are concerned about their exposure to pesticides in their workplaces, but a minority of acute poisonings occur through...

- At the bottom of the page, type:
 1. The name, address, telephone number, fax number, and email address of the presenting author
 2. Regular or Student attendee (Note: All students submitting abstracts, provided they meet eligibility requirements, will be judged for the best student poster competition, unless otherwise indicated. For a student to qualify for the competition, the poster must be first-authored and presented by a student or recent graduate (since May 2002). The results must be from work conducted by the author as a student and not as a post-graduate.
- Email your abstract as an attachment, or mail the zip disk or a hard copy (please do not fold) of the abstract to:

Dr. Patrick J. O'Connor-Marer
IPM Education and Publications
University of California
One Shields Avenue
Davis, CA 95616

Telephone: (530) 752-7694
Fax: (530) 752-9336
Email: pjmarer@ucdavis.edu

ABSTRACTS MUST BE POSTMARKED BY AUGUST 8, 2003. Acknowledgment of abstract receipt will be done by telephone or email.

Educational Objectives

At the conclusion of this conference, participants will have gained greater knowledge of specific current agricultural health and safety research, intervention, and outreach activities. At the conference, participants will

- hear about current research on aspects of agricultural respiratory disease
- learn about issues related to farm families and life cycles, including issues relating to women and children
- explore minority and farm worker health issues
- hear about new advances in agricultural injury prevention and ergonomics
- participate in discussions on policy and regulatory issues in agriculture
- participate in wrap-up discussions on new directions to improve health and safety in agriculture

Continuing Medical Education Credit



“Challenges in Agricultural Health and Safety” is an activity offered by the Center for Occupational and Environmental Health, a CMA accredited provider. Physicians may report up to 10.5 hours of Category 1 credit

towards the California Medical Association Certification in Continuing Medical Education and the American Medical Association’s Physician’s Recognition Award.

Nurses: The Center for Occupational and Environmental Health is a provider approved by the California Board of Registered Nursing. Provider Number BRN #12983 for 12.6 contact hours.

Certificates will be mailed after the close of the meeting.



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The University of California prohibits discrimination against or harassment of any person employed by or seeking employment with the University on the basis of race, color, national origin, religion, sex, physical or mental disability, medical condition (cancer-related or genetic characteristics), ancestry, marital status, age, sexual orientation, citizenship, or status as a covered veteran (special disabled veteran, Vietnam-era veteran or any other veteran who served on active duty during a war or in a campaign or expedition for which a campaign badge has been authorized). University policy is intended to be consistent with the provisions of applicable State and Federal laws. Inquiries regarding the University’s nondiscrimination policies may be directed to the Affirmative Action/Staff Personnel Services Director, University of California, Agriculture and Natural Resources, 300 Lakeside Dr., Oakland, CA 94612-3350; (510) 987-0096.

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National Institute for Occupational Safety & Health
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Pacific Northwest Agricultural Safety and Health Center

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National Institute for Occupational Safety & Health (NIOSH)
Cooperative Agreement #1 U50 OH07544



Center for Occupational and Environmental Health

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Berkeley, CA 94720-5120



National Institute for
Occupational Safety and Health

Co-sponsors

California Department of Health Services
California Department of Industrial Relations–CalOSHA
California Department of Pesticide Regulation
Crompton Corporation–Uniroyal Chemical
North American Agromedicine Consortium
The Zenith Workers’ Compensation Specialists

University of California at Davis, College of
Agricultural and Environmental Sciences
University of California at Davis, School of Medicine
University of California Statewide Integrated Pest
Management Program

 **Sunday, September 7, 2003**

- 8:00 AM–6:00 PM **Poster/Exhibit setup**
- 9:15 AM–3:30 PM **Optional Agricultural Tour** (Sonoma County agricultural tour includes winetasting and lunch.)
- 5:00 PM–6:00 PM **Conference Registration**
- 5:00 PM–7:00 PM **Welcome Reception**

 **Monday, September 8, 2003**

- 7:00 AM–8:00 PM **Poster/Exhibit setup and viewing**
- 7:00 AM–9:00 AM **Registration open**
- 7:00 AM–8:30 AM **Breakfast at Thematic Tables for Informal Discussions with Presenters and Agricultural Health and Safety Experts**
- 8:30 **Welcome, Introductions, and Overview**
Marc Schenker, MD, MPH—Director, Western Center for Agricultural Health and Safety; Department of Epidemiology and Preventive Medicine, University of California, Davis, CA
Richard Fenske, PhD, MPH—Director, Pacific Northwest Agricultural Safety and Health Center, Department of Environmental Health, University of Washington, Seattle, WA
- 9:15 **Relevance of NIOSH to Agricultural Health and Safety**
Steven Olenchock, PhD—Senior Scientist for Agricultural Research, National Institute for Occupational Safety and Health, Morgantown, WV
- 9:45 **Mexico and US Collaborations for Improving Farm Worker Health**
Xóchitl Castañeda, PhD—Project Director, California-Mexico Health Initiative, University of California Office of the President, Berkeley, CA
- 10:15 **Break**
- 10:30 **THEMATIC SESSION I—Respiratory Disease in Western Agriculture** (CHAIRS: PINKERTON AND KOENIG)
Epidemiology of Agricultural Respiratory Disease in California
Robert Harrison, MD, MPH—Chief, Occupational Health Surveillance and Evaluation Program, Occupational Health Branch, California Department of Health Services, Berkeley, CA
Asthma and Other Airway Diseases in Western Agriculture
Jane Koenig, PhD—Professor, Department of Environmental Health, University of Washington, Seattle, WA

Interstitial Disease from Agricultural Dusts
Marc Schenker, MD, MPH—Director, Western Center for Agricultural Health and Safety; Department of Epidemiology and Preventive Medicine, University of California, Davis, CA

Agricultural Dust: What is It, Where Does It Come From, How Can It Be Reduced?
Randal Southard, PhD—Associate Dean for Environmental Sciences, College of Agricultural and Environmental Sciences, University of California, Davis, CA

Agricultural Impact on Environmental Dust Levels and Respiratory Disease
Kent Pinkerton, PhD—Professor and Director, Center for Health and the Environment, University of California, Davis, CA

Personal Protection against Respiratory Hazards
Kiyoung Lee, PhD—Assistant Professor, Department of Epidemiology and Preventive Medicine, University of California, Davis, CA

12:00 **Lunch**

1:00 **THEMATIC SESSION II—Farm Families and Life-Cycle Health Issues** (CHAIRS: ELKIND AND JOLLY)

Farm Women as the Health Decision Makers
Pamela Elkind, PhD—Professor, Department of Sociology, Eastern Washington University, Cheney, WA and *Sue Marie Wright, PhD*—Associate Professor, Department of Sociology, Eastern Washington University, Cheney, WA

Farm Parents' Decisions about Children's Farm Tasks
Steven Neufeld, PhD—Social Researcher, Center for Farm Health and Safety, Eastern Washington University, Cheney, WA

Dealing with "Safe" Play Issues in Agricultural Settings
Barbara Lee, RN, PhD—Director, National Children's Center for Rural and Agricultural Health and Safety, Marshfield, WI

The Aging Farmer: Issues for Western Agriculture
Maria Hernandez-Peck, PhD—Associate Professor of Social Work, and Director of Center for Studies in Aging, Eastern Washington University, Cheney, WA

2:45 **Break and Poster Viewing**



3:30 **THEMATIC SESSION III—Minority and Farm Worker Health Issues** (CHAIRS: BOIKO AND O'CONNOR-MARER)

Mental Health and Disabilities among Farm Worker Populations
Patricia Boiko, MD, MPH—Pacific Northwest Agricultural Safety and Health Center, Department of Environmental Health, University of Washington, Seattle, WA

Challenges with Maintaining and Sustaining a Health Education and Communication Tool
Kathy Pitts, BA, MSW—Intervention Specialist, Center for Farm Health and Safety, Eastern Washington University, Cheney, WA

New Research on Health Effects of Pesticide Exposure among Agricultural Workers
Matthew Kiefer, MD, MPH—Associate Professor, Departments of Medicine and Environmental Health, University of Washington, Seattle, WA

Farm Worker Health Issues in a Binational Context
Rick Mines, PhD—Research Director, California Institute for Rural Studies, Davis, CA

10:00

10:15

Feasibility of Interventions in Agriculture
John Miles, PhD—Professor, Department of Biological and Agricultural Engineering, University of California, Davis, CA

Epidemiologic Perspective of Agricultural Injuries
Steven McCurdy, MD—Assistant Professor, Department of Epidemiology and Preventive Medicine, University of California, Davis, CA

Break

THEMATIC SESSION V—Policy and Regulatory Issues in Agriculture (CHAIRS: SUMNER AND FENSKE)

Effects of Agricultural Economic Policy on Farmer and Farm Worker Health and Safety
Daniel Sumner, PhD—Director, Agricultural Issues Center and Agricultural Personnel Management Program, University of California, Davis, CA

Impact of the Federal Worker Protection Standard on Pesticide Illnesses and Injuries
Richard Fenske, PhD—Director, Pacific Northwest Agricultural Safety and Health Center, Department of Environmental Health, University of Washington, Seattle, WA

Health and Safety Issues in Agriculture—Worker Compensation Insurance Company Perspective
Dan Hair, MSS—Senior Vice President, National Director for Safety and Health, Zenith Insurance Company, Woodland Hills, CA

Costs of Agricultural Injuries
Paul Leigh, PhD—Professor, Department of Epidemiology and Preventive Medicine, University of California, Davis, CA

12:00

1:00

Lunch

WRAP-UP: Directions to Improve Health and Safety—Enforcement, Engineering, and Education (CHAIR: SPEAR)

Preventing Traumatic Deaths in Agriculture through Regulation and Enforcement
William Krycia, MPH—Regional Manager, California Department of Industrial Relations, Sacramento, CA

Improving Health and Safety by Environmental and Engineering Approaches
Robert Spear, PhD—Professor, Department of Environmental Health Sciences and Director, Center for Occupational and Environmental Health, University of California, Berkeley, CA

What Role does Education Have in Improving the Health of Farm Workers?
Don Villarejo, PhD—Consultant and Director Emeritus, California Institute for Rural Studies, Davis, CA

Evening **On Your Own**

 **Tuesday, September 9, 2003**

7:00 AM–3:00 PM **Poster/Exhibit viewing**

7:00 AM–8:00 AM **Registration open**

7:00 AM–8:30 AM **Breakfast at Thematic Tables for Informal Discussions with Presenters and Agricultural Health and Safety Experts**

8:30 **THEMATIC SESSION IV—Agricultural Injuries and Ergonomics** (CHAIRS: FATHALLAH AND JOHNSON)

Ergonomics in Agriculture
Fadi Fathallah, PhD—Assistant Professor, Department of Biological and Agricultural Engineering, University of California, Davis, CA

Measuring Postural and Vibrational Exposures During Agricultural Work
Peter Johnson, PhD—Assistant Professor, Department of Environmental Health, University of Washington, Seattle, WA



Registration Information

Please Register Early

Basic registration fees include the September 7 welcome reception, breakfasts and lunches on September 8 and 9, conference materials, and a bound copy of the conference abstracts. You may also add to your registration fees costs for a continuing medical education certificate and the September 7 agricultural tour, lunch, and winetasting.

To register, please complete the enclosed registration form and mail it to the address indicated on the form, including the appropriate payment. You may also download the registration form from the Western Center for Agricultural Health and Safety website at <http://agcenter.ucdavis.edu>. You may pay by check, credit card, money order, or purchase order. For more information, call (530) 752-5253 or email gaoliver@ucdavis.edu.

We will confirm all preregistration by email or regular mail.

Refunds, less a 25% administrative fee, will be made if a written request is postmarked by August 22, 2003, after which no money can be refunded. Refunds will be issued after the close of the conference. Substitutes are encouraged.

Agricultural Tour

Enrollment is limited. The agricultural tour includes a bus trip through scenic Sonoma County, information on local agriculture, a stop at Viansa Winery for a tour, winetasting and a picnic lunch. Open to registrants and non-registrants. Space is limited. Reservations will be honored on a first-come, first-served basis. Payment will be refunded if tour minimum of 20 people is not met.

- \$ 65.00 Early Registration (postmarked before or on 8/22/03)
- \$ 80.00 Late Registration (postmarked after 8/22/03)

Conference Fees

- \$175.00 Early Registration (postmarked before or on 8/22/03)
- \$200.00 Late Registration (postmarked after 8/22/03)
- \$175.00 Early *Poster Presenter*—Poster abstract postmarked before or on 8/22/03
- \$200.00 Late *Poster Presenter*—Poster postmarked after 8/22/03
- \$150.00 Early *Student** (postmarked before or on 8/22/03)
- \$175.00 Late *Student** (postmarked after 8/22/03)

*Students must provide proof of student status.

Continuing Medical Education

- \$20.00 Continuing Medical Education certificate fee

NOTE: If you have any dietary restrictions, please call (530) 752-5253 by August 22, 2003 in order to allow us time to accommodate your needs.

It is the policy of the University of California to not discriminate against any person on the basis of disabilities. If you feel you need services or auxiliary aids mentioned in the Americans with Disabilities Act in order to fully participate in this continuing education activity, please call (530) 752-5253 by **August 22, 2003** in order to allow us time to make proper arrangements.



Crowne Plaza Union Square

480 Sutter Street
San Francisco, CA 94108
(415) 398-8900 • (888) 218-0808

Hotel Reservations

Hotel reservations should be made directly with the **Crowne Plaza Union Square** by calling (415) 398-8900, (888) 218-0808, or via the internet at www.sfo-unionsq.crowneplaza.com (group code "UND"). The special rate of \$130 (single/double occupancy per night) is available to conference attendees who **make reservations before August 6, 2003**. All rates are subject to applicable taxes. When making your reservation, mention the *University of California, Davis* to receive the special conference rate. Check-in time is 3:00 PM; check-out time is 12:00 noon. Booking under the group code will allow you to modify or cancel your reservation at no charge.

Soaring 30 stories into the San Francisco Bay sky, the upscale **Crowne Plaza Union Square** offers a first-class hotel experience in downtown San Francisco. The Crowne Plaza is situated in heart of the city's Union Square and is walking distance from world famous shopping, galleries and theatres, the cable car, the Financial District, and Chinatown, and minutes from Fisherman's Wharf, Pier 39, and the Marina Beach.

Travel Information

San Francisco International Airport (SFO)

www.flysfo.com

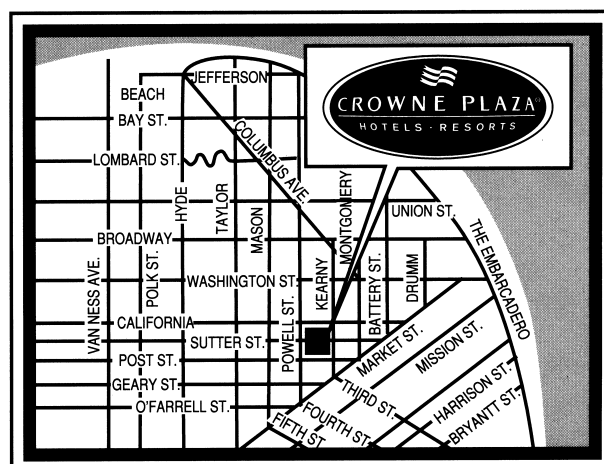
Distance: 15 miles

Oakland International (OAK)

www.oaklandairport.com

Distance: 20 miles

For ground transportation, head to the airport courtesy information board located in the baggage claim area. For driving, weather, and entertainment information, visit www.sfo-unionsq.crowneplaza.com or www.sfvisitor.org websites.



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Dates to Remember

August 6

- Last day to receive special conference rate at hotel

August 8

- Abstracts must be postmarked

August 22

- Early registration must be postmarked
- Last day to request auxiliary aids
- Last day to make special dietary request
- Refund requests must be postmarked

September 7–9

- *Challenges in Agricultural Health and Safety* Conference


Visit...

<http://agcenter.ucdavis.edu>

www.sfvisitor.org

www.sfo-unionsq.crownplaza.com

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