Current Topics and Best Practices in Occupational and Environmental Medicine in Agricultural Communities

February 27–28, 2015

In collaboration with the Pacific Northwest University of Health Sciences, Pacific Northwest Agricultural Safety & Health Center (PNASH), NW Pediatric Environmental Health Specialty Unit (PEHSU), COHE at UW Medicine Harborview, the COHE Community of Eastern Washington, and Migrant Clinicians Network

DATE & TIME
February 27, 2015, 11:30am–5:00pm:
General public health and research track
February 28, 2015, 8:30am–12:00pm:
Clinical and practitioner track

LOCATION
Pacific Northwest University of Health Sciences
The Cadwell Student Center
3113 Inspiration Drive
Yakima, WA 98901
www.pnwu.edu

REGISTRATION
Register Online at osha.washington.edu or by calling the Northwest Center at 206-543-1069

1 Day Only Both Days
Standard: $120 Standard: $150
After Feb 13: $170 After Feb 13: $200
Government: $70 Government: $100
After Feb 13: $120 After Feb 13: $150
Student: $60 Student: $60
After Feb 13: $110 After Feb 13: $110

INFORMATION
206-543-1069 or 800-326-7568
ce@uw.edu
osha.washington.edu

Health care providers and public health professionals in rural and agricultural areas have expertise in their fields of specialty, but often desire networking opportunities and greater knowledge in current occupational and environmental health issues. The two half-day sessions can be taken individually or together:

Day 1 of the course will offer an overview of occupational and environmental health research and surveillance on topics such as respiratory disease in both children and adults, birth defects, pesticide poisoning, sexual harassment, and heat-related illnesses. Workshops will provide current medical trends and preventive activities that are used to address emerging risk factors and treat new diseases.

Day 2 will cover more in-depth training for the clinician on the anticipation, recognition, diagnosis, treatment, and prevention of occupational and environmental illnesses associated with pesticide exposures and musculoskeletal injuries of the lower lumbar spine. Returning injured workers to the workplace through the collaboration of employee, employer, and health provider via the Washington Centers for Occupational Health and Education (COHEs) will be a recurring theme.

AUDIENCE
Clinical specialists, primary care physicians, occupational and environmental medical (OEM) clinicians, pediatricians, family practice physicians, employee health directors, emergency medicine physicians, internists, physician assistants, nurses, nurse practitioners, occupational health nurses, farm worker health clinicians, public health professionals, health educators, rural health care professionals, academic researchers and teachers, regulators, health and safety professionals, farm worker health advocates, agricultural extension specialists, risk managers, and workers’ compensation professionals.
CURRENT TOPICS AND BEST PRACTICES IN
Occupational and Environmental Medicine in

AGENDA  Friday, February 27

11:00–11:30am  Registration

11:30–11:40  Welcome
Course Director: Richard Fenske, PhD, MPH
Professor, University of Washington (UW) Department of Environmental & Occupational Health Sciences (DEOHS)
Director, Pacific NW Agricultural Safety & Health Center (PNASH)

11:40–12:30pm  Key Note Address: Emerging Issues in Agricultural Medicine
Matthew C. Keifer, MD, MPH
Director, National Farm Medicine Center, Marshfield Clinic Research Foundation
Co-Director, Upper Midwest Agriculture Safety & Health Center
Affiliate Professor, UW DEOHS
(box lunch provided)

12:30–1:00  Promoting Environmental Health Issues Among Tribal Populations
Jessica Black, PhD
Assistant Professor, Environmental Science and Studies, Heritage University
Associate Director, Center for Native Health & Culture

1:00–1:30  Aggravating Factors of Childhood Asthma in a Rural Environment
Catherine Karr, MD, PhD, MS
Associate Professor, UW Pediatrics and DEOHS
Center for Children’s Environmental Health Research
Director, Northwest Pediatric Environmental Health Specialty Unit (PEHSU)
Principle Investigator, PNASH

1:30–2:00  Respiratory Disease Associated with Hops Dust
David Bonauto, MD, MPH
Research Director, Safety & Health Assessment & Research for Prevention (SHARP),
Washington State Department of Labor & Industries (WA Labor & Industries)
Clinical Associate Professor, UW DEOHS and General Internal Medicine

2:00–2:15  Break

2:15–2:45  Birth Defects and Occupational and Environmental Issues—Update on Anencephaly
Cathy Wasserman, PhD, MPH
Washington State Department of Health (WA DOH) State Epidemiologist for Non-Infectious Conditions
Affiliate Assistant Professor, UW Department of Epidemiology

2:45–4:00  Panel Discussion: Best Practices for Monitoring and Reducing Pesticide Exposure
Richard Fenske, PhD, MPH—Moderator
Pam Cant, MS, IH
Cholinesterase Program, Department of Occupational Safety & Health, WA Labor & Industries
Joanne Bonnar Prado, MPH
Epidemiologist, Pesticide Illness Surveillance and Prevention Program, WA DOH
Thomas McClure, MD
Medical Director, Central Washington Occupational Medicine

4:00–5:00  Break-out Sessions (participants choose one)

A) Preventing Sexual Harassment in Agriculture: From Research to Action in a Community-Campus Partnership
Vicky Breckwich Vasquez, DrPH, MPH, MA
Director, Community Engagement & Education, PNASH
Elizabeth Torres, BS
Research Project Coordinator
El Proyecto Bienestar
Northwest Communities’ Education Center/ Radio KDNA

B) Preventing Heat-Related Illness
June Spector, MD, MPH
Assistant Professor, UW DEOHS

5:00  Closing and Evaluation
# Agenda

**Saturday, February 28, 2015**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:15–7:45am</td>
<td>Registration</td>
</tr>
<tr>
<td>7:45–8:00</td>
<td>Welcome</td>
</tr>
<tr>
<td></td>
<td>Nancy Simcox, MS</td>
</tr>
<tr>
<td></td>
<td>Interim Director, Continuing Education Programs, UW DEOHS</td>
</tr>
<tr>
<td>8:00–10:00</td>
<td>Recognition, Management and Prevention of Pesticide Exposure—Pediatric and Occupational Perspectives</td>
</tr>
<tr>
<td></td>
<td>Catherine Karr, MD, PhD, MS</td>
</tr>
<tr>
<td></td>
<td>Associate Professor, UW Pediatrics and DEOHS</td>
</tr>
<tr>
<td></td>
<td>Center for Children's Environmental Health Research</td>
</tr>
<tr>
<td></td>
<td>Director, Northwest Pediatric Environmental Health Specialty Unit (PEHSU)</td>
</tr>
<tr>
<td></td>
<td>Principle Investigator, PNASH</td>
</tr>
<tr>
<td></td>
<td>Matthew C. Keifer, MD, MPH</td>
</tr>
<tr>
<td></td>
<td>Director, National Farm Medicine Center, Marshfield Clinic Research Foundation</td>
</tr>
<tr>
<td></td>
<td>Co-Director, Upper Midwest Agricultural Safety &amp; Health Center</td>
</tr>
<tr>
<td></td>
<td>Affiliate Professor, UW DEOHS</td>
</tr>
<tr>
<td>10:00–10:15</td>
<td>Break</td>
</tr>
<tr>
<td>10:15–11:15</td>
<td>Recognition, Diagnosis and Treatment of Lumbar Spine Injuries</td>
</tr>
<tr>
<td></td>
<td>Gregory Carter, MD, MS</td>
</tr>
<tr>
<td></td>
<td>Medical Director, St. Luke's Rehabilitation Institute and the COHE Communities of Eastern Washington</td>
</tr>
<tr>
<td>11:15–12:15pm</td>
<td>Identifying Ergonomic Risk Factors in the Workplace to Prevent Musculoskeletal Injuries</td>
</tr>
<tr>
<td></td>
<td>Debra Milek, MD, PhD, MPH</td>
</tr>
<tr>
<td></td>
<td>Medical Director, COHE and the Occupational and Environmental Medicine Clinic at UW Medicine, Harborview; Associate Professor, UW DEOHS</td>
</tr>
<tr>
<td>12:15</td>
<td>Closing and Evaluation</td>
</tr>
</tbody>
</table>

## Planning Committee

Nancy Beaudet, MS, CIH, Industrial Hygienist, UW Occupational and Environmental Medicine Clinic, PEHSU  
Gregory T. Carter, MD, MS, Medical Director, St. Luke's Rehabilitation Institute and the COHE Communities of Eastern Washington  
Debra Cherry, MD, UW Department of Medicine, DEOHS, and Director, Occupational and Environmental Medicine Residency  
Betty Ann Cohen, MD, MPH, Medical Director, The Healthy Worker Occupational Medicine Clinic; Yakima Community COHE  
Benjamin Doornink, MBA, COHE Communities of Eastern Washington  
Marcy Harrington, MPA, Manager, PNASH  
Catherine Karr, MD, PhD, Associate Professor, UW Pediatrics and DEOHS; Center for Children's Environmental Health Research; Director, Northwest Pediatric Environmental Health Specialty Unit (PEHSU); Principle Investigator, PNASH  
Debra Milek, MD, PhD, MPH, Medical Director, COHE and the Occupational and Environmental Medicine Clinic, Harborview; Associate Professor, UW DEOHS  
Nancy Simcox, MS, Interim Director, Continuing Education Programs, DEOHS
ACCREDITATION STATEMENTS

CME activities with Joint Providers: This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint providership of the Centers for Disease Control and Prevention and University of Washington School of Public Health. The Centers for Disease Control and Prevention is accredited by the (ACCME®) to provide medical education for physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Centers for Disease Control and Prevention designates this live activity for a maximum of 5.25 AMA PRA Category 1 Credits™.

CNE: The Centers for Disease Control and Prevention is accredited as a provider of Continuing Nursing Education by the American Nurses Credentialing Center's Commission on Accreditation.

This activity provides 5.0 contact hours.

CEU: The Centers for Disease Control and Prevention is authorized by IACET to offer 0.7 CEU’s for this program.

DISCLOSURE: In compliance with continuing education requirements, all presenters must disclose any inancial or other associations with the manufacturers of commercial products, suppliers of commercial services, or commercial supporters as well as any use of unlabeled product(s) or product(s) under investigational use.

CDC, our planners, presenters, and their spouses/partners wish to disclose they have no fiancial interests or other relationships with the manufacturers of commercial products, suppliers of commercial services, or commercial supporters. Planners have reviewed content to ensure there is no bias.

Content will not include any discussion of the unlabeled use of a product or a product under investigational use.

CDC does not accept commercial support.