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
| Standard: | $120 |
| After Feb 13: | $170 |
| Government: | $70 |
| After Feb 13: | $120 |
| Student: | $60 |
| After Feb 13: | $110 |

Both Days
| Standard: | $150 |
| After Feb 13: | $200 |
| Government: | $100 |
| After Feb 13: | $150 |
| Student: | $60 |
| 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.
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

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

7:15–7:45am  Registration

7:45–8:00  Welcome
Nancy Simcox, MS
Interim Director, Continuing Education Programs, UW DEOHS

8:00–10:00  Recognition, Management and Prevention of Pesticide Exposure—Pediatric and Occupational Perspectives
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
Matthew C. Keifer, MD, MPH
Director, National Farm Medicine Center, Marshfield Clinic Research Foundation
Co-Director, Upper Midwest Agricultural Safety & Health Center
Affiliate Professor, UW DEOHS

10:00–10:15  Break

10:15–11:15  Recognition, Diagnosis and Treatment of Lumbar Spine Injuries
Gregory Carter, MD, MS
Medical Director, St. Luke's Rehabilitation Institute and the COHE Communities of Eastern Washington

11:15–12:15pm  Identifying Ergonomic Risk Factors in the Workplace to Prevent Musculoskeletal Injuries
Debra Milek, MD, PhD, MPH
Medical Director, COHE and the Occupational and Environmental Medicine Clinic at UW Medicine, Harborview;
Associate Professor, UW DEOHS

12:15  Closing and Evaluation

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
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