In collaboration with the Pacific Northwest University College of Osteopathic Medicine, 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

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, Heritage University Environmental Sciences
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 Department of Health (WA DOH)
Affiliate Assistant Professor, UW 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 Prado, MPH
Epidemiologist, Pesticide Illness Prevention, WA DOH
Betty Ann Cohen, MD, MPH
Yakima Community Center for Occupational Health & Education (COHE)
The Healthy Worker Occupational Medicine Clinic

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 Vásquez, DrPH, MPH, MA
Director, Community Engagement & Education, PNASH
Elizabeth Torres, BA
Project Coordinator, 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 Rehab Institute and the Eastern Washington COHE

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 Medicine Clinic, 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, 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, Medical Director of The Health Worker, Yakima Community COHE
Benjamin Doornink, MBA, COHE Communities of Eastern Washington
Marcy Harrington, MPA, Manager, PNASH
Catherine Karr, MD, PhD, Associate Professor, UW Departments of Pediatrics and EOHS,
   Director of PEHSU, PNASH Principle Investigator
Debra Milek, MD, PhD, UW Department of Medicine and DEOHS,
   Director of Occupational and Environmental Medicine Clinic, Harborview
Nancy Simcox, MS, Interim Director, Continuing Education Programs, DEOHS

SUPPORTED BY
Pacific Northwest University of Health Sciences (PNWU), Pacific Northwest Agricultural Safety & Health Center (PNASH),
Northwest Pediatric Environmental Health Specialty Unit (PEHSU), Center for Occupational Health and Education (COHE)
at UW Medicine-Harborview, and the COHE Community of Eastern Washington

ACCREDITATION
Continuing education for this activity is pending. See final announcement for details.

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.