



# Agricultural Health and Safety Course

## for Medical and Safety Professionals

Session A: **July 11-12, 2017\***

Session B: **July 13-14, 2017\***

Session C: begins **July 11, 2017** (Online)

Training Location:

**UNMC College of Public Health**

519 South 40th Plaza Circle, Omaha, Nebraska

\*Remote option available through the  
**Nebraska Statewide Telehealth Network**

## COURSE INFORMATION

### To Receive Continuing Education Credit

#### For Sessions A and B

- Sign in each day
- Attend selected session(s) in entirety
- Successfully complete the online post test for each selected session(s) — open-book, 70% accuracy
- Complete the evaluation survey for selected session(s)

Deadline to complete online post test(s) and evaluation is  
**August 10, 2017.**

#### For Session C

- View all eight online presentations in entirety
- Successfully complete the online post test — open-book, 70% accuracy
- Complete the online evaluation survey

Deadline to complete online session in entirety is  
**August 10, 2017.**

### IMPORTANT

Testing for ALL sessions must be completed by **August 10, 2017**. Credit will not be awarded for completion of any activity after **August 10, 2017**.

This course is supported in part by NIOSH grant # 5U54OH010162-06.

UNMC College of Public Health Course:  
ENV 811/CPH 511: Agricultural Health and Safety

### Credit

#### PHYSICIANS

The University of Nebraska Medical Center, Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

##### Session A

The University of Nebraska Medical Center, Center for Continuing Education designates this live activity for a maximum of 16.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

##### Session B

The University of Nebraska Medical Center, Center for Continuing Education designates this live activity for a maximum of 16.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

##### Session C

The University of Nebraska Medical Center, Center for Continuing Education designates this enduring material for a maximum of 4.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

#### NURSES

The University of Nebraska Medical Center College of Nursing Continuing Nursing Education is accredited with distinction as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

##### Session A

This activity is provided for 16.0 contact hours under ANCC criteria.

##### Session B

This activity is provided for 16.0 contact hours under ANCC criteria.

##### Session C

This activity is provided for 4.75 contact hours under ANCC criteria.

#### EMS

##### Session A

The University of Nebraska Medical Center, Center for Continuing Education, EMS and Trauma Division approves this educational opportunity for 16.0 hours of Emergency Medical Services Continuing Education. (Debbie VonSeggern, NRP, EMSI)

##### Session B

The University of Nebraska Medical Center, Center for Continuing Education, EMS and Trauma Division approves this educational opportunity for 16.0 hours of Emergency Medical Services Continuing Education. (Debbie VonSeggern, NRP, EMSI)

##### Session C

The University of Nebraska Medical Center, Center for Continuing Education, EMS and Trauma Division approves this educational opportunity for 4.75 hours of Emergency Medical Services Continuing Education. (Debbie VonSeggern, NRP, EMSI)



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### COURSE SCHEDULE

#### Session A — Agricultural Health

##### Day 1 - Tuesday, July 11, 2017

**7:45 a.m.**

Registration and Continental Breakfast

**8:00 a.m.**

**Course Introduction and Overview**

Kelley J. Donham, MS, DVM, DACVPM

**8:30 a.m.**

**Agriculture 101**

Risto Rautiainen, PhD

**9:30 a.m.**

Break

**9:45 a.m.**

**Skin Diseases of Agricultural Workers**

Kelley J. Donham, MS, DVM, DACVPM

**11:00 a.m.**

**Migrant and Immigrant Health**

Athena Ramos, MS, MBA, CPM, CRHD

**12:00 p.m.**

Lunch

**12:45 p.m.**

**Agricultural Respiratory Diseases**

Kelley J. Donham, MS, DVM, DACVPM

**2:15 p.m.**

Break

**2:30 p.m.**

**Zoonotic Diseases Part I**

Kelley J. Donham, MS, DVM, DACVPM

**4:00 p.m.**

**Case Presentation/Problem Solving**

Kelley J. Donham, MS, DVM, DACVPM

**5:00 p.m.**

Recess

##### Day 2 - Wednesday, July 12, 2017

**7:45 a.m.**

Continental Breakfast

**8:00 a.m.**

**Zoonotic Diseases Part II**

Kelley J. Donham, MS, DVM, DACVPM

**9:00 a.m.**

**Veterinary Pharmaceuticals, Biologicals, and Antibiotics**

Kelley J. Donham, MS, DVM, DACVPM

**10:00 a.m.**

Break

**10:15 a.m.**

**Skin Cancer and Precancerous Lesions**

Kelley J. Donham, MS, DVM, DACVPM

**11:15 a.m.**

**Musculoskeletal Diseases and Ergonomics in Agriculture**

Alan R. Erickson, MD

**12:15 p.m.**

Lunch

**1:15 p.m.**

**Innovations in Rural Health Practices**

Matthew Beacom, MD

**2:15 p.m.**

Break

**2:30 p.m.**

**Behavioral Health Issues in the Farming Community**

Beth Baxter, MS

**3:30 p.m.**

**Health Effects of Agriculture Pesticides**

Ronald I. Kirschner, MD

**4:30 p.m.**

**Complete Evaluation, Continuing Education Forms**

**4:45 p.m.**

Recess

##### Online Post Test and Evaluation

**Must be completed by**

**Thursday, August 10, 2017**

to receive continuing education credit



# Agricultural Health and Safety Course

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### Session B — Agricultural Safety and Prevention

#### Day 1 - Thursday, July 13, 2017

**7:45 a.m.**

Registration and Continental Breakfast

**8:00 a.m.**

**Course Introduction and Overview**

Aaron Yoder, PhD

**8:15 a.m.**

**General Environmental Hazards in Agriculture**

Risto Rautiainen, PhD

**9:15 a.m.**

**AgrAbility – A Resource for Farmers and Ranchers with Disabilities**

Emily Freudenburg, MOT

**10:00 a.m.**

Break

**10:15 a.m.**

**Agricultural Trauma**

Aaron Yoder, PhD; Marjorie Van Riper, BSA, RN, CEN-CEPN

**12:00 p.m.**

Lunch and Transport to Mead

**1:00 p.m.**

**Farm Tour – Hazard Recognition; Noise Dosimetry; Machinery Description**

Risto Rautiainen, PhD and Aaron Yoder, PhD

**5:00 p.m.**

Dinner

**7:00 p.m.**

Transport to UNMC

#### Day 2 - Friday, July 14, 2017

**7:45 a.m.**

Continental Breakfast

**8:00 a.m.**

**Agricultural Resources for Health Professionals**

Aaron Yoder, PhD

**9:00 a.m.**

**Prevention of Agricultural Injuries and Illnesses**

Risto Rautiainen, PhD

**10:00 a.m.**

Break

**10:15 a.m.**

**Personal Protective Equipment (PPE) in Agriculture: An Overview**

Carolyn Sheridan, BSN

**10:45 a.m.**

**Selecting the Right PPE for the Job and for the Person**

Carolyn Sheridan, BSN

**12:00 p.m.**

Lunch

**1:00 p.m.**

**PPE Fit Testing**

Carolyn Sheridan, BSN

**2:00 p.m.**

**Innovations in Personal Protective Equipment**

Aaron Yoder, PhD

**2:30 p.m.**

**Integration of Agricultural Occupational Health Care into an Established Health Care Organization**

Carolyn Sheridan, BSN

**3:00 p.m.**

Break

**3:15 p.m.**

**Integration of Agricultural Occupational Health Care into an Established Health Care Organization (continued)**

Carolyn Sheridan, BSN

**4:15 p.m.**

**Final Questions, Review**

Risto Rautiainen, PhD and Carolyn Sheridan, BSN

**4:30 p.m.**

**Complete Evaluation, Continuing Education Forms**

**4:45 p.m.**

Recess

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# Agricultural Health and Safety Course

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### Session C — Special Topics

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begins Tuesday, July 11, 2017 (Online)

Special Populations – Youth in Agriculture

Marsha Salzwedl, MS

Special Populations – Veterans Returning to Farming

Heath Woockman

Physical Factors Affecting Health in Agriculture – Part I

Risto Rautiainen, PhD

Physical Factors Affecting Health in Agriculture – Part II

Risto Rautiainen, PhD

Hearing Loss Prevention among Agricultural Workers – Part I

Chandran Achutan, PhD

Hearing Loss Prevention among Agricultural Workers – Part II

Chandran Achutan, PhD

Cancer in Agricultural Populations – Part I

Eleanor Rogan, PhD

Cancer in Agricultural Populations – Part II

Eleanor Rogan, PhD

### Online Post Test and Evaluation

**Must be completed by**

**Thursday, August 10, 2017**

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