Statement of Purpose

To provide basic information and skills to enable the health care professional to function in the anticipation, diagnosis, treatment, and prevention of occupational illnesses and injuries in the farm community. Successful completion of this course allows participants to join AgriSafe as a Provider Member. AgriSafe Provider benefits include clinical resources, technical assistance, continuing education, and use of the trademarked name AgriSafe® in promoting agricultural health services.

Target Audience

Nurses, nurse practitioners, physicians, physician assistants, physical therapists, veterinarians, and other interested health care professionals.

Continuing Education Credits

Practicing health professionals desiring continuing education credit. Course attendance and completion of the pre and post exams and an evaluation for each of the sessions attended is required to receive continuing education credits.

Health professionals intending to join AgriSafe as a Provider Member.

All health professionals intending to be part of the AgriSafe Network must attend both sessions of the training, complete the exams with a proctor present, and pass both examinations. A score of 70% or higher must be obtained for a passing grade.

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the University of North Dakota School of Medicine and Health Sciences and Lake Region State College. The University of North Dakota School of Medicine and Health Sciences is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.
Session I
The University of North Dakota School of Medicine and Health Sciences designates this education activity for a maximum of 8.75 AMA PRA Category 1 Credit(s)TM. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

Session II
The University of North Dakota School of Medicine and Health Sciences designates this education activity for a maximum of 2.25 AMA PRA Category 1 Credit(s)TM. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

Session III
The University of North Dakota School of Medicine and Health Sciences designates this education activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)TM. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

Session IV
The University of North Dakota School of Medicine and Health Sciences designates this education activity for a maximum of 2.0 AMA PRA Category 1 Credit(s)TM. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

Session V
The University of North Dakota School of Medicine and Health Sciences designates this education activity for a maximum of 1.75 AMA PRA Category 1 Credit(s)TM. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

Session VI
The University of North Dakota School of Medicine and Health Sciences designates this education activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)TM. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

Session VII
The University of North Dakota School of Medicine and Health Sciences designates this education activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)TM. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

Session VIII
The University of North Dakota School of Medicine and Health Sciences designates this education activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)TM. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

Session IX
The University of North Dakota School of Medicine and Health Sciences designates this education activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)TM. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

Session X
The University of North Dakota School of Medicine and Health Sciences designates this education activity for a maximum of 15.0 AMA PRA Category 1 Credit(s)TM. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

Training Details

**Early Registration:**
- Full Course (Sessions I-X) = $700 (SAVE $200)
- Session I only = $200
- Session X only = $350

**Late Registration:**
- Full Course (Sessions I-X) = $800 (SAVE $200)
- Session I only = $250
- Session X only = $375
Session 1 is a one-day introduction held on-site in Bismarck, N.D. one day prior to the 2011 Dakota Conference on Rural and Public Health.

7:30 am  Registration & Continental Breakfast
8:00 am  Introduction & Overview - Brief history and description of agricultural health in the Midwest & High Plains (Kelley Donham, MS, DVM, DACVPM and Paul Gunderson MS, PhD)
8:30 am  Agricultural Respiratory Diseases (Kelley Donham, MS, DVM, DACVPM, Cathy Houle, MD, and Paul Gunderson, MS, PhD)
10:00 am Break
10:15 am  Agricultural Respiratory Diseases – continued
11:15 am  Zoonotic Diseases (Kelley Donham, MS, DVM, DACVPM, and Sue Keller, DVM)
12:30 pm Lunch
1:30 pm  Zoonotic Diseases – continued
3:00 pm Break
3:15 pm  Behavioral Health Issues in the Agricultural Community (Michael Rosmann, PhD)
4:45 pm  Veterinary Biological and Therapeutic Occupational Hazards (Kelley Donham, MS, DVM, DACVPM)
6:15 pm  Preparing to Participate in Our Distance Learning Process
6:30 pm Recess

Total CME Session I = 8.75

Distance Learning Sessions – April, 2011 – October 30, 2011

Session II
12:00 – 2:15 pm,  Friday, April 8, 2011. Agricultural Toxicology -Health Effects of Agricultural Pesticides (Clayton Van Balen, MD)

Session III
12:00 - 1:30 pm,  Friday, April 22, 2011. Physical Factors Affecting Health in Agriculture (Kelley Donham, MS, DVM, DACVPM, and Paul Gunderson, MS, PhD.)

Session IV
12:00 - 2:00 pm,  Friday, May 6, 2011. Agricultural Trauma (LaMar Grafft, MS, and Paul Gunderson, MS, PhD)

Session V
12:00 – 1:45 pm,  Friday, May 20, 2011. Agricultural Trauma – continued

Session VI
12:00 – 1:15 pm,  Friday, September 9, 2011. General Environmental Hazards in Agriculture: Focus on Confined Animal Feeding Operations (CAFOs) (Kelley Donham, MS, DVM, DACVPM)

Session VII
12:00 – 1:30 pm,  Friday, September 23, 2011. Musculoskeletal Diseases and Ergonomics in Agriculture (Kelley Donham, MS, DVM, DACVPM)
Session VIII
12:00 – 1:30 pm, Friday, October 7, 2011. Skin Diseases of Agricultural Workers
(Kelley Donham, MS, DVM, DACVPM)

Session IX
12:00 – 1:30 pm, October 21, 2011. Skin Cancer and Precancerous Lesions in Agricultural Populations
(Kelley Donham, MS, DVM, DACVPM)

Total CME Distance Learning Sessions = 13.25

Session X – Friday, November 4 and Saturday, November 5, 2011
Session X is a two-day on-site session held at Lake Region State College, Devils Lake, N.D., and adjacent agricultural production and secondary processing sites.

7:30 am Continental Breakfast
8:00 am Registration & Course Overview for those attending Session II only - (Kelley Donham, MS, DVM, DACVPM, and Paul Gunderson, MS, PhD)
8:30 am Cancer in Agricultural Populations (Michael Alavanja, Dr.P.H)
10:00 am Break
10:15 am Cancer in Agricultural Populations – continued
11:00 am Resources for Farm Family Members with Disabilities (Paul Verlinde, MS,)
12:00 pm Lunch
1:00 pm Agriprocessing/Agricultural Production Site Tours - Attendees Board LRSC Bus for Events (Melinda Martin, B.S., and Paul Gunderson, MS, PhD)
4:30 pm Agricultural Host Dinner @ Production Site
6:45 pm Approximate Arrival Time Back at Holiday Inn Express Hotel, Devils Lake

Saturday, November 5, 2011
7:30 am Continental Breakfast
8:00 am Farm Children and Youth at Risk - (Paul Gunderson, MS, PhD)
9:00 am Prevention of Illness and Injury in Agricultural Populations (Kelley Donham, MS, DVM, DACVPM)
10:15 am Break
10:30 am Personal Protective Equipment (PPE) in Agriculture: An Overview (Kelley Donham, MS, DVM, DACVPM and Carolyn Sheridan, BSN)
12:00 pm Lunch
1:00 pm Personal Protective Equipment (PPE) in Agriculture: An Overview- continued
2:00 pm Agricultural Occupational Health Care: Integration into an Established Health Organization (Carolyn Sheridan, BSN)
3:15 pm Break
3:30 pm Agricultural Occupational Health Care: Integration… - continued
4:30 pm Case Presentations/Problem Solving (Kelley Donham, MS, DVM, DACVPM)
5:15 pm Final Questions and Review of Sessions I & II. Complete Evaluation & Continuing Education Forms (Kelley Donham, MS, DVM, DACVPM)
6:00 pm Adjourn Session X

Total CME Sessions X = 15.0
Educational Objectives - Upon completion of these lectures the participant should be able to:

• Define and differentiate the objectives and philosophies of rural health and agricultural medicine
• Discuss the main respiratory diseases commonly found in agricultural workers, the symptoms, diagnosis, treatment and prevention.
• Describe the signs, symptoms and treatment options of common zoonotic diseases in humans.
• Define and discuss the major types of pesticides, how people are exposed, symptoms of poisoning, diagnosis and treatment of pesticide poisoning.
• Identify the uses and hazards of biological, pharmaceuticals, and antibiotics used in livestock production and strategies for their prevention and treatment.
• Recognize the effects of farm activities on noise induced hearing loss.
• Describe types of injuries caused by various hazardous situations and extrication problems associated with farm injury incidents.
• Describe the causes of farm related stress and how stress is associated with behavioral health issues among the farm population
• List examples of infectious dermatitis and contact dermatitis common in agricultural workers.
• Describe the sign, symptoms, causes and prevention strategies of skin cancer in rural residents
• Compare and contrast cancer risks and their possible causes in the farm population with the general population
• Describe the differences between muscular, disc and joint patterns of low back pain, and understand the components of a basic low back pain screening examination
• Discuss the Easter Seals Rural Solutions and Farm Safety 4 Just Kids programs to be utilized as resources for farmers
• Identify the appropriate use and selection of personal protective equipment for respiratory, noise, and chemical hazards
• Present the components of a comprehensive agricultural health service.

For more information or to receive a detailed course syllabus, Contact Ms. Melinda Martin at (701) 662-1554 or Melinda.Martin@lrsc.edu.

Individuals are responsible for making their own lodging arrangements. Rooms are being held under “Agricultural Medicine”

Bismarck
Best Western Ramkota Hotel
800 South 3rd Street
Bismarck, ND 58504-5728
(701) 258-7700

Devils Lake
Holiday Inn Express
875 Hwy 2 East
Devils Lake, ND 58301
701-665-3200
Rate: $84.95/night

Sponsored by:

The University of North Dakota
Center for Rural Health
School of Medicine & Health Sciences

Lake Region State College
Dakota Center for Technology Optimized Agriculture

The University of Iowa
College of Public Health
Great Plains Center for Agricultural Health
ICASH-Iowa Center for Agricultural Safety and Health

Funded in part by NIOSH grant # 5 U50 04007548
Registration Form
2011 Agricultural Medicine Course
Early registration rate deadline: February 8, 2011

Name ________________________________

Organization ________________________________

Degree ____________________ Specialty __________________

Address _______________________________________________________________________

City __________________ State ________ ZIP ______

E-mail ________________________________

Phone _______________________________________________________________________

Please check here if we may not share your contact information ☐

Registration Information

Full Course (Sessions I-X) (SAVE $200) on or before 2/8/11 after 2/8/11
☐ $700 ☐ $800

Distance only (Sessions II-IX)
☐ $350 ☐ $375

Session I only
☐ $200 ☐ $250

Session X only
☐ $350 ☐ $375

Total Enclosed $ ____________

Registration Methods

By Mail: Return your completed registration form and payment to:
Center for Rural Health
Attn: Kylie Nissen
UND School of Medicine Rm 4109
501 N Columbia Rd. Stop 9037
Grand Forks, ND 58202-9037

By Fax: Complete registration form and fax to (701) 777-6779.

By Internet: http://ruralhealth.und.edu/topics/workforce/agrisafe.php

If you have questions regarding registration, please call the Center for Rural Health at 701-777-5380
or email kylie.nissen@med.und.edu.

Payment Method

☐ Check (make payable to UND CRH)
☐ Please send me an invoice by email

Refund Policy

If circumstances arise and you are unable to attend, please notify us of your registration cancellation by March 1, 2011
You will be reimbursed $200 per session.