



FUNDAMENTALS IN AGROMEDICINE

MPH 6036 is designed to provide students with an understanding of the fundamentals health and public health issues

affecting agricultural populations in the U.S. and North Carolina. Agricultural populations in the farming, fishing, and forestry sectors will be examined and prevention and community engagement will be emphasized throughout the course.

The course is designed to prepare professionals in all disciplines and settings to better understand the culture of agriculture and the health risks and illnesses associated with living and working in rural communities. Associated learning activities provide participants with invaluable information and skills to recognize and work together to address &/or prevent occupational illness and injury in the farm environment.

All professionals and paraprofessionals who practice or plan to practice in rural areas, including physicians, physician assistants, nurses, physical therapists, occupational therapists, speech and language pathologists, emergency first responders, safety and environmental personnel, risk managers, public or community health workers, farmworker health outreach staff, Cooperative Extension Agents, and any interested others.

Interested students should register for MPH 6036



Course Topics:

- Diversity in North Carolina Agriculture
- Migrant and Seasonal Workers
- Respiratory Diseases
- Behavioral Health Issues
- Regulations that Affect Health & Safety
- Agricultural Skin Diseases
- Cancer in Agricultural Populations
- Health Effects of Pesticides
- General Environmental Hazards
- Musculoskeletal Diseases
- Physical Factors Affecting Health
- Acute Agricultural Injuries
- Human Health Hazards of Pharmaceuticals
- Agricultural and Rural Zoonotic and Emerging Infectious Diseases
- Prevention of Illness and Injury
- Health and Safety in the Aging Farmer
- Farming with a Disability

Instructor Contact Information:

[Dr. Robin Marcom](mailto:tutorr@ecu.edu)
tutorr@ecu.edu

This course is a collaborative effort between the NC Agromedicine Institute and the Department of Public Health, Brody School of Medicine