

### **ERF 3.1.a.2. Internally Funded Projects 2011-2016**

Detailed list of COPH's internally funded projects, 2011-2016

From 2011-2015, 26 projects were funded by the **COPH Central States Center for Agricultural Safety and Health (CS-CASH)** in the area of agricultural safety and health.

- The Health & Job Hazards of Latino CAFO Workers in Missouri (Athena Ramos, MBA- UNMC CoPH).
- Best Practices for Range Bison Herd Workers (Clayton Kelling, DVM - UNL).
- Vitamin D Supplementation Protects Against Bone Loss Following Inhalant Organic Dust and Lipopolysaccharide Exposures in Mice (Jill Poole, MD - UNMC).
- Vision for a National Sustainable Certified Safe Farm Intervention Program (Kelley Donham, DVM – University of Iowa).
- Lungs For Life (Carolyn Sheridan, RN – AgriSafe Network).
- Hyperinflammatory Responses to Organic Dust Exposures in the Elderly (Kristina Bailey, MD -UNMC).
- Farmer Evaluation of Agricultural Fatality Messaging: Best Practices for Disseminating Prevention Messages Based on FACE Cases (Stephanie Leonard, CIH – University of Iowa).
- Cardiovascular Disease Risk and Physical Activity in Farmers (Paula Schulz, PhD – UNMC College of Nursing).
- Low Stress Cattle Handling and Safety (Arlan Tobyne and Nick Wells PIs – Dodge City CC- Dodge City Kansas).
- Effects of Sleep Deprivation on Balance, Stress and Recovery among Farmers (Joseph Siu, PhD – UNMC College of Allied Health).
- Emergent, Re-emergent, and Persistent Issues in Agricultural Safety and Health in the CS-CASH Region (Murray Madsen).
- AgHealth Nebraska: a novel preventive health services model for Nebraska Farm Families (Matthew Beacom, MD- Beacom Health Fremont NE).
- Grain Dust Exposure in the Allergic Lung (Jane Schuh, PhD – University of North Dakota).
- Stress and Mental Health Among Latino Farmworkers (Athena Ramos, MBA- UNMC College of Public Health).

- Chronic Bacterial Colonization, Agricultural Exposure and COPD (Tricia LeVan, PhD – UNMC- Nebraska VA).
- Imminent Hazards in English and Spanish (Jason Stratman, PhD – Western Nebraska Community College).
- Pre-Professional Perceptions of Safety and Quality Concerns in Agricultural Work Environments (Gretchen Mosher PhD – Iowa State University).
- Certified Safe Farm Pilot Program - AgHealth Nebraska (Dennis Holtz – Nebraska Safety Center and UNK College of Nursing).
- Antelope Memorial Hospital Ag Safety Program (Carol Anderson, PA – Antelope Memorial Hospital, Neligh NE).
- Community Driven Solutions to Address Farm Injuries (Lea Pounds, PhD – UNMC College of Public Health).
- Development of a Multi-State Capacity to Disseminate and Evaluate the Efficacy of a Web-Based Stress management Program for Agricultural Producers (Katherine Slama, PhD University of Minnesota and Patrick Hart, PhD- Iowa Department of Health).
- Feedlot New Hire Safety Orientation (Gordon Moore – Moore Ag Safety, Oklahoma).
- Nebraska Pesticide Poisoning Surveillance Review and Outreach (John Lowe, PhD UNMC College of Public Health; Derry Stover, MPH – Nebraska Department of Health and Human Services).
- Prevention and Treatment of Agricultural Respiratory Disorders: A Pilot Educational Program of Rural Health Care NPs and PAs (Kathy Morris, PhD – UNMC College of Nursing).
- Safety in the agricultural work camp comic book development & evaluation for Latino MSAW families. (Dr. Jill Kilanowski, PhD, RN, APRN, CPNP, FAAN (Associate Dean Graduate Programs at Mount Carmel College of Nursing)
- Evaluation of Medication-Related Agricultural Injury Among Missouri Farmers (Kelly A. Cochran, PharmD, BCPS - University of Missouri-Kansas City School of Pharmacy (UMKC), University of Missouri Healthcare (UMHC), University of Missouri-Columbia School of Medicine, University of Missouri Institute for Clinical and Translational Science (ICATS), University of Missouri College of Veterinary Medicine (UM-VMTH))

From 2013-2014, five projects were funded by the **Great Plains Public Health Training Center** in the areas of HIV testing in jails, sexual health literacy, indoor air quality, and health policy.

- Margalit R, et al. Douglas County Department of Corrections HIV Opt-In Testing.
- Fisher C, et al. Nebraska Adult Sexual Literacy Project.
- Achutan C, et al. Characterization of Indoor Air Quality in Residences and Schools on the Winnebago Reservation.
- Stimpson J, et al. Health Policy Short Course for Local Health Departments in Nebraska.
- Stimpson J, et al. The Public Health Training Center again funded the Health Policy Short Course for Local Health Departments in Nebraska.

From 2013-2015, three projects were funded by the **Dean's Mutual Fund** in the areas of occupational hazards, social justice, homelessness, and alcohol outlet regulations.

- Achutan C, et al. A project on Characterization of Occupational Hazards and Social Justice Issues among Latino Workers in Omaha.
- Watanabe-Galloway S, et al. A Metro Area Continuum of Care for Homeless Cost Study project, led by S. Watanabe-Galloway. A manuscript from this project has been accepted for publication: Rieke, K., Smolsky, A., Bock, E., Peet-Erkes, P., Porterfield, E., Watanabe-Galloway, S. *Social Work in Public Health*. Federal funding of a research grant in this area is being pursued.
- Stimpson J, et al. A project on Regulating Alcohol Outlet Density to Reduce Excessive Alcohol Consumption, led by Dr. J. Stimpson. An article derived from this project has been published [Wilson, F.A., Stimpson, J.P., Tibbits, M.K. (2013) *Accident Analysis and Prevention*, 60:189-198.

In 2015, five project were funded by the **Dean's Cancer Prevention and Control Pilot Grant** program in the areas of environmental exposures and cancer, early detection of pancreatic cancer, colorectal cancer screening in rural areas, refugee health, and prostate cancer biomarkers.

- Panigrahi Pinaki, Center for Global Health and Development  
Environmental Exposures, Infections, and Cancer in Eastern India (funded by COPH)
- Ghada Soliman, Health Promotion, Social and Behavioral Health  
Nutrient-Sensing Metabolic Pathways as Targets for Early Detection and Control of Pancreatic Cancer (funded by COPH)
- Hongmei Wang. and Jungyoon Kim, Ph.D., Health Services Research and Administration

- An Examination of Factors Influencing Colorectal Cancer Screening of Rural Nebraskans Using Data from Clinics Participating in an Accountable Care Organization (jointly funded by COPH and the UNMC Cancer Center)
- Shinobu Watanabe-Galloway, Epidemiology  
Nebraska Refugee Cancer Cohort Initiative (jointly funded by COPH and the UNMC Cancer Center)
  - Muhammad Zahid, Environmental, Agricultural and Occupational Health  
Novel Biomarkers for Assessment of Prostate Cancer Risk in African Americans (funded by COPH)

In 2016, four projects were funded by the **Dean's Innovation Fund** to support the College's strategic priorities.

- Anthony, R, et al. Department of Health Promotion, Social and Behavioral Health, and Center for Reducing Health Disparities  
Community-based health transformation
- Su, D, et al. Department of Health Promotion, Social and Behavioral Health, and Center for Reducing Health Disparities  
Developing and implementing a public health approach to youth violence prevention and control in Omaha, Nebraska
- Wilson, F, et al. Department of Health Services Research and Administration, and Center for Health Policy  
A multi-state comparative analysis of Medicaid expansion on preventable emergency department and inpatient utilization costs
- Kim, JY, et al. Department of health Services Research and Administration  
Health system transformation