Dairy Projects

**Training**

- **Noa Roman-Muñiz with John Rosecrance**: Enhancing Safety Training Effectiveness in Large-Herd Dairy Production (Core HICAHS Project)
- **Steve Reynolds**: Bioaerosol Exposures and Models of Human Response in Dairies (Core HICAHS Project)
- **Paul Gunderson**: Exploring Shed Antimicrobial Exposures within High Plains Livestock Operations (Core HICAHS Project)
- **Margaret Davidson**: Bioaerosol Monitoring: preventing the spread of infectious diseases among farmers (2012 PP)
- **Greg Dooley**: Identification of pro-inflammatory molecules in poultry dust (2014 DD)

**Bioaerosols and Microbiome Research**

- **Amanda Van Dyke**: Analyzing chemical exposures (Actual Title TBD) (SP)
- **Bledar Bisha**: Modified Bioaerosol Sampling for Presence of Viruses in Agricultural Environments (2014 PP)
- **Margaret Davidson**: Bioaerosol Monitoring: preventing the spread of infectious diseases among farmers (2012 PP)
- **Craig McConnel**: E. coli O157 Shedding and Antimicrobial Susceptibility on Colorado Dairies (2014 PP)
- **Sue Reed**: Exposure Assessment of Bioaerosols in an Australian Dairy (LP)
- **Sue Reed**: Design and evaluation of interventions to improve dairy worker respiratory health (U01 NIOSH Grant)
- **TBN (formerly Rob Paulsen)**: Risk assessment of milking parlor tasks using the semi-quantitative ergonomic assessments (SP)
- **Federica Masci**: Prevalence of carpal tunnel syndrome among Italian dairy workers (SP)
- **Federica Masci**: Identifying the risk of musculoskeletal disorders through an electromyographic analysis of combined milking parlor tasks (SP)
- **Mixco/Masci**: A comparison of upper limb MSD risk among American and Italian dairy parlor workers (SP)

**Ergonomics**

- **David Douphrate with John Rosecrance**: Exposure Assessment and Intervention Analysis in Large-Herd Dairy Parlors (Core HICAHS Project)
- **David Douphrate**: OSHA Training and Lean Six Sigma Training (DD)
- **Robert Hagevoort**: Dairy Workforce Training Grant from USDOL (pending LP)
- **Kate Johnesee**: Quantitative analysis of milking parlor tasks for establishing best practices in dairy parlor operations (SP)
- **Federica Masci**: Prevalence of carpal tunnel syndrome among Italian dairy workers (SP)
- **TBN (formerly Rob Paulsen)**: Risk assessment of milking parlor tasks using the semi-quantitative ergonomic assessments (SP)
- **Federica Masci**: Identifying the risk of musculoskeletal disorders through an electromyographic analysis of combined milking parlor tasks (SP)
- **Mixco/Masci**: A comparison of upper limb MSD risk among American and Italian dairy parlor workers (SP)

**Management**

- **Mark Kinsel (2012)**: Agrimetrica (DD)
- **Daniel Autenrieth**: Evaluating the relevance and efficacy of OHSMS form to the U.S. dairy industry by OSHA On-Site Consultation (SP)
- **A preliminary needs assessment for comprehensive risk management strategies on commercial dairies.

**Key:**

- DD – HICAHS Directors Discretionary Fund Project
- LP – Leveraged Project (not funded by HICAHS)
- PP – Pilot Projects
- SP – Student Project

September 2014