Center for Food Animal Health  
School of Veterinary Medicine  
University of California, Davis

High Priority Issues (List is alphabetical and all are considered equally important)

- Animal Well-Being, including methods and evaluation of euthanasia techniques, risk factors for down cows, 3rd party validation systems and clarification of terms used.
- Antibiotic, Hormones, and Pesticide Resistance (Including Education, Outreach, and Policy Focus)
- Disease Control & Surveillance (Including Trace-Back Programs, Molecular Typing, Diagnostic Tests)
- Emerging Diseases (Including Infectious, Zoonotic, Exotic, and Vector borne Diseases)
- Environmental & Ecosystem Health Issues (Including Land, Air, Water, Nutrient, & Microbial Management)/Livestock and Poultry Carcass Disposal (Including Routine Mortality & Catastrophic Losses)
- Extend science needed for guiding policy development in aquaculture
- Modeling, Rapid/Accurate Diagnostics & Vaccinations, and Delivery systems
- Sustainable Production Systems (Including Endemic/Production Diseases, Profitability, Industry/Manure Management, & Nutrition/Nutrient Management)

Lower Priority Issues

- Identification, Detection, & Elimination of Residues (Including Hormones)
- Zoonoses
- Food & Feed Systems Security (Including Biodefense of the Food Systems, Quality of Foods
- Education of students and practitioners about issues associated with food animals and animal agriculture (for recruitment to careers and acknowledging they do a lot of public education; tours)

Technologies

- Ecosystem Health Technologies
- Genomics/Biotechnologies/Proteomics
- Modeling
- Rapid & Validated Diagnostics

Strategies

- Biosecurity for Disease Control (including on-farm and protecting the supply chain of feed and other products that enter or interface with the food chain)
- Certification/Quality Assurance
- Educational Outreach (Just-in-Time Education Delivery)
- Emergency Planning & Response (Including Business Continuity)
- Improving the Quality of Foods Through Diagnostics Prevention & Treatment (Consumer Education)
- Marketing (Including Science-Based Information to Inform Policy & Consumers)
- Productions Systems Management

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