Mission Statement
The mission of the Swine Medicine Education Center at Iowa State University is to collect and synthesize the best practices for clinical swine medicine and to translate and disseminate those practices to stakeholders who can apply them to improve swine health and welfare, ensure pork safety, maintain sustainability and conserve the resources used for pork production.
SMEC 480: Learning Objectives

• Gain valuable knowledge about the US swine industry
• Develop and practice clinical and production management skills
  • Including clinical evaluation, population medicine, sample collection techniques, diagnostic test selection and interpretation, and development of case management strategies
• Experience swine veterinary practice
• Further develop communication skills
SMEC 480

- Opportunity to work with AMVC in Audubon, IA, the ISU Veterinary Diagnostic Laboratory, Swine Faculty at ISU, and a wide variety of industry stakeholders to provide you with a diverse look into the pork industry and the practice of swine medicine
SMEC 480: On-farm experience

- Biosecurity
- Case investigations
- Herd evaluation
- Clinical skills
  - Oral fluid collection
  - Blood collection
  - Fecal collection
  - Euthanasia
  - Necropsy
  - Post-mortem sampling
  - Nasal swabs
  - Animal restraint
SMEC 480: Classroom learning

- Rounds discussions
- Case investigations
- Diagnostic strategies
- Diagnostic interpretation
- Pharmacology
- Equipment maintenance
SMEC 480: 2013-2014 Rotation dates

- May 13 - 24, 2013
- July 22 – Aug 2, 2013
- September 3 -13, 2013
- October 14 - 25, 2013
- February 3 - 14, 2014
- March 31 – Apr 11, 2014
SMEC 480: Housing

- Fully furnished apartments at no additional cost are provided
- Equipped with kitchenette, cable television, wireless internet, air conditioning, onsite washer and dryer
- Located in Audubon, IA
- Participation in rounds will occur in person in Ames or via videoconference