THE USE OF AGRICULTURAL ANIMALS IN RESEARCH AND TEACHING AT UIUC

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Organization of the Animal Care Program at Illinois

Vice Chancellor for Research

Peter Schiffer

Institutional Animal Care and Use Committee

Chair Ed Roy

AACUP Director

Vickie Jarrell

Attending Veterinarian Ag Animals

Clifford Shipley

Attending Veterinarian Lab Animals

Lyndon Goodly
Definitions

- **IACUC**
  - Institutional Animal Care and Use Committee
  - Must approve all activities that use animals before the work begins – agricultural and laboratory animals

- **AACUP**
  - Agricultural Animal Care and Use Program
  - Oversees Swine, Beef, Dairy, Poultry, Horses, Sheep

- **DAR**
  - Division of Animal Resources
  - Laboratory Animals – Mice, Rats, Chickens, Frogs, Guinea Pigs, Gerbils, Snakes, Fish, Pigs, Dogs, Cats, Bats, Rabbits, etc. and swine in ERML
Animal Care at Illinois is Accredited by AAALAC, I.

- **AAALAC, I.**
  - Association for Assessment and Accreditation of Laboratory Animal Care, International

Voluntary, peer-review process

- Campus-wide accreditation in 2000
- Site visits every 3 years – Summer 2013
- 6-8 person site visit team
- on campus for 1 week
Accredited Land Grant Animal Care Programs

74 US Land Grant Institutions
Established by Congress in the Morrill Act of 1862
to teach agriculture and the mechanic arts

29 have AAALAC Accredited Units

Only 11 have Campus-Wide Accreditation
Includes the University of Illinois
at Urbana-Champaign
Agricultural Animal Care and Use Program – A Team Approach

- Animal Care
- Husbandry and Management
- Veterinary Care and Health Maintenance
- Animal Use for Research and Education
Missions of the UIUC Agricultural Animal Care and Use Program

- Ensure *high quality care* and promote the *health and well-being* of agricultural animals used in research and teaching

- Provide *training, educational resources, consultation and technical assistance*

- Ensure *compliance* with regulations, policies, guidelines, and professional standards
Unique Challenges in Using Agricultural Animals in Research and Teaching

Two sets of standards

- Food and Fiber Research
  - Relevant to commercial agriculture
  - *Guide for the Care and Use of Agricultural Animals in Research and Teaching* (2010)

- Biomedical Research (regulated by USDA)
  - Animal models for clinical studies
  - *Guide for the Care and Use of Laboratory Animals* (2011)

AACUP Can Help You Navigate the Rules
Unique Challenges at Animal Science
Agricultural Animal Research Units

• Animals are raised for production of human food as well as for research and teaching activities
  - Influence of production on research
  - Influence of research on production/health
  - Animals may be used on multiple projects simultaneously

• Research may be conducted at privately-owned commercial farms but uses University resources

• What is the appropriate disposition of the animals and their products?
Providing High Quality Animal Research

- Veterinary Services
- IACUC
- Education and Training
- Research Planning
- Animal Care Staff
- Herd Managers
- Compliance Services
- Departmental Support
- Institutional Support
Livestock Unit Managers
Contact Information

Beef Cattle
Beef and Sheep Field Laboratory - Urbana
Tom Nash: 244-0448 tgnash@illinois.edu

Dixon Springs Agricultural Center Beef Unit
Frank Ireland: (618) 695-2442 fireland@illinois.edu

Orr Beef Cattle Research Center
Nathan Post: (217) 236-4961 npost@illinois.edu
ACES Dairy Cattle Research Unit
South Lincoln Avenue
ACES Poultry Research and Teaching Field Laboratory – South Race
Livestock Unit Managers
Contact Information

Lincoln Avenue Dairy Research and Teaching Unit
   Henry Hoene: 333-2625
   Mike Katterhenry: katterhe@illinois.edu

Equine Research and Teaching Unit
   Ivy Hilliker: 333-2541 hilliker@illinois.edu

Poultry Research and Teaching Field Laboratory
   Chet Utterback: 333-3439 cutterba@illinois.edu
ACES Imported Swine Research Laboratory
South First and Hazelwood
ACES Swine Research Center
South First and Curtis Rd.
Livestock Unit Managers
Contact Information

Imported Swine Research Laboratory
Jonathon Mosley: 244-3607 jfmosley@illinois.edu

Swine Research Center
Glenn Bressner: 244-3671 gbressne@illinois.edu

Feed Mill and Feed Stores
Tim Smallwood: 333-0042 tsmallwo@illinois.edu

General Farms and Grein Swine Unit
Mike Katterhenry 333-0347 katterhe@illinois.edu
Helpful Resources – Check Them Out

- www.aacup.illinois.edu
- http://www.aaalac.org/
- http://research.illinois.edu/IACUC/
- http://research.illinois.edu/DAR