Livestock Education & Certification for Agriculture Law Enforcement

Dr. Matt Hersom, UF/IFAS Dept. of Animal Sciences
Associate Professor, Extension Beef Cattle Specialist
2015 Walt Disney World Dopey Challenge
- Marathon
- Half Marathon
- 10K
- 5K
What is the LECALE Program

- Florida-based education specifically designed for law enforcement-attorney
- Classroom and field learning experience
- Continuing education opportunity for law enforcement
- Multi-species, agriculture related education
- Accreditation provided
Why the LECALE Program

• Continued need for on-going education
• Growing concern of livestock-agricultural issues
• Currently utilizing out-of-state resources
  – Increased cost, time
• In-state expertise
• In-state accreditation
• Deputies have requested service
Who is Behind LECALE?

- University of Florida IFAS Extension
  - State and County Faculty
- Florida Farm Bureau
  - State and County Association
- County Sheriff Deputies
  - Multiple counties
- Florida Dept. of Agriculture and Consumer Services
LECALE Timeline

- Three 1-day programs were held in 2011
  - 84 total participants
  - Certificate of attendance
- $15,000 total seed money from Florida Farm Bureau County Action Partnership grant awarded to Pasco County Farm Bureau, UF/IFAS Extension, Pasco County Sheriff Office
- Grant from FDACS in 2013 to fund full curriculum development and pilot
- Pilot Program August 2014
- Initial offering March 2015
Benefits of LECALE Program

• Rigorous and Relevant training curriculum
• Accreditation through UF-IFAS and FFB Agriculture Education Services and Technology
• Local delivery for classroom and field content
• Subject matter experts
• Involvement of law enforcement to develop curriculum
• Immediate follow-up with training
• Cost and time effective
LECALE Objective

The objective of the LECALE program is to provide law enforcement and litigation attorney personnel with:

1. knowledge regarding generally accepted livestock production practices
2. skills to discern acceptable animal well-being
3. ability to apply acquired knowledge and skills in the field and during litigation proceedings
LECALE Learning Objectives Topics

- Basic Animal Husbandry
- Animal Identification
- Behavior, Handling, and Housing
- Animal Nutrition
- Pasture Conditions
- Animal Activism/Extermism
- Health, Disease, and Biosecurity
- Euthanasia and Disposal
- Body Condition Scoring
- Live Animal Evaluation
- Animal Case Studies
LECALE Program Content-Details

Basic Animal Husbandry
- Terminology
- Anatomy
- Physiological parameters
- Generally recognized practices
  - Shelter needs
  - Veterinary care
  - Management
- Optional and advanced practices

Animal Nutrition
- Basic nutrient requirements
  - Cattle
  - Equines
  - Poultry
  - Small Ruminants
- Feeds and feeding
  - Feed resources
    - Basic ration development
- Outcomes of nutritional deficiencies
  - Chronic weight loss
  - Starvation
  - Re-feeding syndrome
LECALE Program Content-Details

Live Animal Evaluation
• Cattle
  – Identification
  – BCS
  – Situational assessment
• Equine
  – Identification
  – BCS
  – Situational assessment

Case Studies and Seizure Situations
• Presentation of selected cattle case studies
  – Case review
  – Evidence-documentation
  – Producer interaction
  – Outcomes
  – Assessment
• Presentation of selected equine case studies
  – Case review
  – Evidence-documentation
  – Producer interaction
  – Outcomes
  – Assessment
Estimating Cow Bodyweight

- 1005 lbs
- 960 lbs
- 900 lbs
- 1200 lbs
- 1100 lbs
- 1070 lbs
Branding
Look at the: Neck, withers, behind the shoulder, ribs, loin, and tailhead.
Body Condition Scoring

A. 1
B. 2
C. 3
D. 4
E. 5
Responsibilities Associated with Equine Ownership and Management

• Understand the horse’s nutritional needs
• Provide adequate foot care and grooming
• Familiar with common horse diseases and parasites
• Familiar with signs of lameness, pain, distress (creates some challenges)
Feed classifications for Livestock

• Roughages
  – Pasture and range grass
  – Hay
  – Silage

• Concentrates
  – Grains
  – Oil-meals
  – Molasses

• Additives
  – Vitamins/Minerals
  – Medications
LECALE Program Curriculum and Program Personnel

- Dr. Matt Hersom – Associate Professor, Extension Beef Cattle Specialist
- Dr. Carissa Wickens – Assistant Professor, Extension Equine Specialist
- Tre Easterly – Graduate Student, Dept. of Agricultural Education
- UF/IFAS County Livestock Agents – Ed Jennings, Bridget Carlisle
- Multiple County Sheriff Dept. – Polk, Pasco, Alachua
- FDAC – Joe Kight
- Florida Farm Bureau – Frankie Hall, Scot Eubanks
- Other UF faculty – Vet Med, Animal Science
Pilot Delivery
Pilot Class
LECALE Details

• March 3-6, 2015
• Program held at UF-Gainesville
  – Class, animal, and field facilities
• 40 hours of education
  – Classroom and Field
• Certification and Accreditation
• Resource material
• $350 registration cost per participant
LECALE Outcomes

- High value education experience
- Effective continuing education
- Decreased fiscal outlay for education
- Increase in number of trained personnel
LECALE Details

Registration:
• Attendees can register via EventBrite by following this link
  • https://www.eventbrite.com/e/livestock-education-and-certification-for-agriculture-law-enforcement-tickets-14263240737 or
• Go to:
  http://animal.ifas.ufl.edu/beef_extension/index.shtml

Registration Fee: $349.99 for all participants regardless of affiliation. (Includes: refreshment breaks, lunches, course material, and certification fee).
• The class will be limited to the first 25 registrants.
• 15 spots remaining (1/6/2014)
• Contact:
  – hersom@ufl.edu
  – 352-392-2390
Livestock Education & Certification for Agriculture Law Enforcement

Dr. Matt Hersom, UF/IFAS Dept. of Animal Sciences
Associate Professor, Extension Beef Cattle Specialist