

## Saint Louis Zoo Ungulate Care Workshop Outline

### General Husbandry

- Participants will spend part of each day working directly with Saint Louis Zoo staff to gain experience in managing 23 species of ungulates, 2 species of marsupials and 9 species of birds in a traditional urban zoo setting.
- Specialties include:
  - Hands-on ungulate management
  - Multi-species exhibit and multi-species herd management
  - Single-sex herd management
  - Neonatal ungulate management
  - Operant conditioning and enrichment of ungulates
  - Collaborative research of zoo ungulates

### Equid Restraint with Hydraulic Tamer

- Participants may observe the sorting and restraint of Grevy's zebra in a hydraulic tamer in order to facilitate a number of veterinary procedures including ultrasound and blood collection.

### Drop Floor Chute Restraint

- Participants may observe and assist in the restraint of Addax in order to facilitate a number of veterinary procedures including ultrasound and blood collection

### Cattle Chute

- Participants may observe and assist in the restraint of Banteng in order to facilitate a number of veterinary procedures including ultrasound and blood collection

### Giraffe Chute/Box Stall

- Participants may observe an operant conditioning session or hoof work on a giraffe in a small box stall.

### Manual Restraint

- Participants may observe and assist in the restraint of a several bird, antelope, and gazelle species using a variety of techniques. Possible species include:
  - Addax
  - Speke's Gazelle
  - Cuvier's Gazelle
  - Gerenuk
  - Mhorr Gazelle
  - Speke's Gazelle
  - Transcaspian Urial
  - Kangaroo
  - Wallaby
  - East African Crowned Crane
  - Marabou Stork
  - Saddle-Billed Stork
  - Sarus Crane
  - Stanley Crane
  - Wattled Crane
  - White Stork
  - Ostrich

### Chemical Immobilization

- Participants may have the opportunity to observe and assist in a chemical immobilization if one happens to be scheduled during the workshop dates. There is no guarantee that this will take place.

### Current Ungulate Species at the Saint Louis Zoo

Addax	Lowland Nyala
Babirusa	Mhorr Gazelle
Bactrian Camel	Okapi
Banteng	Red-Flanked Duiker
Bongo	Reticulated Giraffe
Central Chinese Goral	Soemmerring's Gazelle
Chacoan Peccary	Somali Wild Ass
Cuvier's Gazelle	Speke's Gazelle
Gerenuk	Takin
Grevy's zebra	Transcaspian Urial
Indian Muntjac	Visayan Warty Pig
Lesser Kudu	

### Current Non-ungulate Mammals Species in the Saint Louis Zoo Antelope Area

Red Kangaroo

Wallaby

### Current Bird Species in the Saint Louis Zoo Antelope Area

East African Crowned Crane	Saddle-Billed Stork
Emu	Stanley Crane
Marabou Stork	Wattled Crane
Ostrich	White Stork
Sarus Crane	