



UNGULATE TAGs AGENDA

Saturday, March 24-Monday, March 26

Saturday, March 24
Grand Ballroom 6

8:00 am - 10:15 am

General Ungulate TAG Midyear Meeting Information

- Welcome
- Housekeeping and logistics
- Introductions
- Icebreaker

AZA Ungulate TAG Chair Briefings

- Michelle Hatwood, Cervid TAG
- Tim Thier, Equid TAG
- Michele Stancer, Tapir TAG
- Lisa Smith, Wild Cattle and Camelid TAG
- Martha Fischer, Antelope and Giraffe TAG
- Martin Ramirez, Wild Pig, Peccary and Hippo TAG
- Gil Myers, Caprinae TAG

AZA Ungulate TAG Treasury Update

- RoxAnna Breitigan, The Living Desert Zoo and Gardens

10:15 am - 10:30 am

Break

10:30 am - 11:00 am

Marketing Team Update

- RoxAnna Breitigan, The Living Desert Zoo and Gardens
- Brent Huffman, Toronto Zoo
- Michelle Hatwood, Audubon Species Survival Center

11:00 am - 11:20 am

Mentorship Program Update

- Ashley Arimborgo, Cheyenne Mountain Zoo
- Dan Dembiec, Jacksonville Zoo
- Tim Thier, Saint Louis Zoo
- Adam Felts, Columbus Zoo

11:20 am - 11:40 am

Behavioral Management Committee Update

- Amy Schilz, Cheyenne Mountain Zoo
- Becca Van Beek, Oregon Zoo

11:40 am - 12:00 pm

Short Homework Updates

- Animal Care Manual Update and Discussion: Dan Beetem, The Wilds
- Open floor for anyone with short homework updates

12:00 pm - 1:00 pm

Lunch - Grand Ballroom

1:00 pm - 3:00 pm

Reports from the Field

Moderator: Tim Their, Saint Louis Zoo

- Achieving Stability for Tapir Conservation
 - Chris Jordan, Global Wildlife Conservation, ICUN/SSC Tapir Specialist Group

- Operation Twiga: Working Together to Save the Nubian Giraffe
 - Liza Dadone, Cheyenne Mountain Zoo
- Proyecto Tagua
 - Juan Campos, Proyecto Taguá – Centro Chaqueño para la Conservación e Investigación. (CCCI)
- Sahelo-Saharan Conservation Update
 - John Newby, Sahara Conservation Fund
- Calamian Deer Conservation Updates
 - Jeff Holland, Center for the Conservation of Tropical Ungulates
- Saiga- Russia & Ukraine Update
 - Andy Blue, San Diego Zoo Safari Park
 - Jeff Holland, Center for the Conservation of Tropical Ungulates

3:00 pm - 3:15 pm

Break

3:15 pm - 5:00 pm

Small Group Discussions

5:00 pm

End of Day Wrap-Up

Sunday, March 25

Grand Ballroom 6

7:00 am - 8:00 am

Meet & Greet with the TAG Chairs/Co-Chairs

8:00 am - 8:05 am

Welcome: Housekeeping/Conference Updates

8:05 am - 10:20 am

Ungulate Scientific Management

Moderator: Linda Penfold, South-East Zoo Alliance for Reproduction & Conservation

- Evolution and Diversification of Central African Forest Duikers (subfamily Cephalophinae): Applications to Conservation Management
 - Nicola Anthony, Stephan Ntie, Katy Morgan and Patrick Mickala, University of New Orleans, Université des Sciences et Techniques de Masuku, Franceville, Gabon
- Use of Improvest® for Ovarian Suppression in Giraffe
 - Anneke Moresco, Denver Zoo
- Review of AI in Banteng: Possible Indicators for the Role of Stress
 - James Gillis (presented by Linda Penfold), South-East Zoo Alliance for Reproduction & Conservation
- Semen and Spermatozoa Parameters from a Captive Population of the Endangered Chacoan Peccary (*Catagonus wagneri*) in Paraguay
 - Annie Newell-Fugate, Texas A&M University
- The Impact of Novel Pheromones or Novel Boar Introduction on Estrous Cycle Characteristics and Fecal Progesterone Metabolite Concentrations in Female Red River Hogs (*Potamochoerus porcus*)
 - Annie Newell-Fugate, Texas A&M University
- North Sulawesi Babirusa (*Babyrousa celebensis*) Reproductive Management in Zoos: Challenges and Recent Learnings
 - Shana Lavin, Mandi Schook, Andy Daneault, Tom Probst, Kim Merrill, Dan Calvin, Stephanie Smith, Dan Dembiec, Linda Penfold, Disney's Animal Kingdom; Animals, Science and Environment; Jacksonville Zoo & Gardens, SEZARC
- Using the RVA Process to Explore the Reproductive Success in Red River Hogs (*Potamochoerus porcus*)
 - David Powell, Saint Louis Zoo

10:20 am - 10:35 am

Break

10:35 am - 11:25 am

Giraffe SAFE Update

- Liza Dadone, Cheyenne Mountain Zoo
- Kristen Lukas, Cleveland MetroParks Zoo
- Andi Kornak, Cleveland MetroParks Zoo

Giraffe SAFE Marketing

- RoxAnna Breitan, The Living Desert Zoo and Gardens

11:25 am - 11:45 am

Source Population Alliance (SPA) Update

- Gavin Livingston, Conservation Centers for Species Survival (C2S2)

12:00 pm - 1:00 pm

Lunch - Grand Ballroom

1:00 pm - 3:00 pm

Ungulate Husbandry, Handling/Restraint, Enrichment & Training Session

Moderator: Steve Metzler, San Diego Zoo Safari Park

- Living Desert Giraffe Conservation and Care Center
 - Wendy Enright, The Living Desert Zoo and Gardens
- Does this Shot Make my Hock Look Hot? - Utilization of Thermal Imaging in Ungulates
 - Kaitlyn Vanderwall, Zoo Miami; Ungulate TAG Scholarship Winner
- Small Antelope Hand Rearing and Management at the San Diego Zoo Safari Park and Disney's Animal Kingdom Lodge
 - Lissa McCaffree, San Diego Zoo Safari Park; Ashley Roth, Disney's Animal Kingdom Lodge
- The Giraffe Plasma Bank and the Butterfly Effect
 - Dr. Liza Dadone, Cheyenne Mountain Zoo
- 100 Acre Woods on the Bayou
 - Michael Birt and Chris St. Romain, Audubon Species Survival Center: Alliance for Sustainable Wildlife
- New and Innovative Okapi Training for Voluntary Medical Procedures
 - Sarah Werzinske, Columbus Zoo

3:00 pm - 3:10 pm

Break

3:10 pm - 4:10 pm

Action Indonesia: Banteng, Anoa, and Babirusa GSMP

- Banteng: Steve Metzler, San Diego Zoo Safari Park
- Anoa and Babirusa: Jeff Holland, Center for the Conservation of Tropical Ungulates; Joe Forys, Audubon Zoo

4:10 pm - 5:00 pm

Saola Project Update

- William Robichaud, Saola Working Group

Catching Hope Re-purposed Poaching Snare Program

- Erin Flynn, ABQ BioPark Zoo

7:00 pm - 10:00 pm

Waterhole

Monday, March 26

Grand Ballroom 6

8:00 am - 9:00 am

Grand Ballroom 6

Okapi SSP

8:00 am - 9:00 am

Grand Ballroom 8

Babirusa Reproduction Discussion

9:00 am - 9:05 am

Welcome: Housekeeping/Conference Updates

9:05 am - 10:25 am

Fiona the Hippo: Facts, Fandom and the Art of Animal Management

- Christina Gorsuch, Cincinnati Zoo and Botanical Garden

10:25 am - 10:35 am

Malignant Catarrhal Fever

- Josh Sisk, Los Angeles Zoo

10:35 am - 10:45 am

Break

10:45 am - 11:45 am

Small Group Discussions

11:30 am - 12:00 pm

Marketing Team Wrap-up & Assigning Homework

- RoxAnna Breitigan, The Living Desert Zoo
- Michelle Hatwood, Audubon Species Survival Center
- Brent Huffman, Toronto Zoo

12:00 pm - 1:00 pm

Lunch - Ballroom

12:30 pm - 6:00 pm

White Oak Field Trip

RSVP required - \$25 per person

6:30 pm

Icebreaker at Intuition Ale Works

OTHER OPEN MEETINGS & SESSIONS OF INTEREST

Wednesday, March 28

9:30 am - 12:00 pm

City Terrace 9

Rhinoceros TAG

11:00 am - 12:00 pm

City Terrace 10

Caprinae TAG - RCP & Program Discussion

1:00 pm - 5:00 pm

City Terrace 9

ZAHP Fusion Center - Ungulate Disease Security Workshop

How 'Secure' is your Zoo?

What would your facility do if Foot-and-Mouth disease (FMD) was diagnosed in the country? In your state? In our facility? This workshop will introduce participants to Secure Zoo Strategy, a business continuity planning tool designed to help facilities develop plans to prevent Foreign Animal Diseases (FADs), and mitigate effects should they occur. While focused on FMD, one of the most infectious animal diseases known to man, the steps you will hear about are applicable to virtually all FADs and will help you meet the needs of your facility and regulatory requirements that may be imposed by officials during an outbreak. The workshop will culminate in a mini tabletop exercise, where participants can consider their own collections and ask questions of our experts.

- Dr. Yvonne Nadler, ZAHP Fusion Center
- Dr. Jimmy Tickel, North Carolina Department of Agriculture & Consumer Services, Emergency Programs
- Sharron Stewart, Independent Consultant
- Ashley Zielinski, ZAHP Fusion Center

Thursday, March 29

8:00 am - 10:00 am

City Terrace 12

AZA SAFE: Giraffe

8:00 am - 10:00 am

City Terrace 5

Wild Pig, Peccary, and Hippo TAG

The Ungulate TAGs thank all the dedicated members that volunteer their valuable time to work on projects, teams and committees throughout the year to better our animal programs.

**Be sure to visit the website throughout the year for new resources:
AZAUngulates.org**

Also, follow the AZAUngulates Facebook page to see and post exciting ungulate news!