



**Gateway Clinic Instructors**

Bruce Nock, MS, PhD

Ann Corso, MHCP, Director, LH Barefoot Initiative

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**LH Zoo Program Interpreter**

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## **Gateway to Hoof Care for the 21st Century**

**The Longhorn Conference Center**

**White Stallion Ranch**

**Tucson, Arizona**

**Day 1 – Monday, May 8, 2023**

**9:00 – 9:15 Welcoming Remarks. (Bruce)**

**9:15 – 9:45 Hoof Prep at the Fort**

**9:45 – 10:00 On Being Human. (Bruce)**

**10:00 – 10:45 The Evolutionary Origins of The Optimal Hoof Form, and its Importance to Domesticated Horses. (Bruce)**

**10:45 – 11:15 Video: What Researchers Discovered About the Impact of Terrain and Movement on Hoof Form.**

**11:15 – 11:30 Break**

**11:30 – 12:30 Characteristics of The Optimal Hoof Form & Their Role in Proper Hoof Function. (Ann)**

**12:30 – 1:30 Lunch**

**1:45 – 5:00 Trim Workshop**

**Day 2 – Tuesday, May 9, 2023**

**9:00 – 9:45 The Negative Impact of Captivity and Suboptimal Management and Use Practices on General and Hoof Health. (Bruce)**

**9:45 – 10:45 Problems Caused by Horse Management Practices. (Steve)**

**10:45 – 11:00 Break**

**11:00 – 11:30 The Path to Obesity-related Laminitis. (Bruce)**

**11:30 – 12:30 The Cause and Prevention of Obesity and Cushing's Disease-related laminitis. (Bruce)**

**12:30 – 1:30 Lunch**

**1:30 – 2:00 Problems Caused by Diet. (Steve)**

**2:00 – 2:30 Caveats Associated With Making a Fat Horse Lean. (Bruce)**

**2:45 – 6:00 Trim Workshop**

## Day 3 – Wednesday, May 10, 2023

8:30 – 8:45 Hoof Prep at the Fort

9:00 – 10:15 The Importance of Proper Hoof Landings. (Steve)

10:15 – 10:30 the Role of the Gut Microbiome in the Etiology of Obesity and Insulin Resistance. (Bruce)

10:30 – 10:45 Break

10:45 – 11:15 How Stress\*, Diet, and the Environment Can Affect Health and Longevity for Generations Through Modifications to the Epigenome. (Bruce)

11:15 – 12:30 Problems Caused by Hoof Imbalance. (Steve)

12:30 – 1:30 Lunch

1:30 – 2:00 Performance Hoof Boots and the Challenges of Measuring and Fitting. (Ann & Steve)

2:15 – 5:30 Trim Workshop

## Day 4 – Thursday, May 11, 2023

8:30 – 8:45 Hoof Prep at the Fort

9:00 – 11:00 Trail Ride

11:15 – 12:00 Cooperative Trimming: Using what we've learned to evaluate and accommodate horse comfort while staying safe during trimming. (Ann)

12:00 – 12:30 Barefoot Trim Models: What Others Do And We Don't ... And Why (Ann)

12:30 – 1:30 Lunch

1:45 – 5:00 Trim Workshop

## Day 5 – Friday, May 12, 2022

8:00 – 9:00 Counteracting the Negative Impact of Stress\* Through Environmental Enrichment. (Bruce)

9:00 – 10:00 The Biomechanics of Riding and its Impact on a Horse's Hooves, Soundness, and Psychological Well-Being. (Bruce)

10:00 – 10:15 Break

10:15 – 10:45 Common Hoof Ailments: Don't Fall Down the Rabbit Hole (Ann)

10:45 – 11:00 Farewells.

\* Refers to stressors associated with suboptimal management and use practices, pain and discomfort, and that are inherent to life in captivity.

Meals are served by the ranch at:

7:30 – 9:00 AM Breakfast

12:30 – 1:30 PM Lunch

7:00 – 8:00 PM Dinner

Happy Hour is from 6:00 – 7:00 PM in the bar.