



ELEPHANT MANAGERS ASSOCIATION  
**VIRTUAL CONFERENCE  
2020**

## SCHEDULE OF PAPERS

*All times are listed in Central Daylight Time (CDT).*

### MONDAY, OCTOBER 12, 2020

*Moderated by Vernon Presley*

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- 12:00 – 12:10pm **EMA Welcome**  
Vernon Presley, EMA President
- 12:15 – 12:30pm **Molding Children into Environmental Stewards: An Active Approach to Environmental Education**  
Walona Sehularo, Community Outreach Officer, Elephants for Africa
- 12:35 – 12:50pm **Using Citizen Science to Understand Male Elephants in Botswana**  
Kate Evans, Founder/Director, Elephants for Africa
- 12:55 – 1:10pm **Anthropogenic-related Stress on Reproduction and Stress on the African Forest Elephant (*Loxodonta cyclotis*)**  
Daniella Chusyd, Morris Animal Foundation Postdoctoral Fellow, Indiana University
- 1:15 – 1:30pm **Predictors of Testosterone in Zoo-managed African Elephants**  
Kaitlyn Campbell, Graduate Student, For Elephants, Inc.
- 1:35 – 1:50pm **Male Elephants and Human–elephant Conflict in Sri Lanka: Patterns from Necropsy Reports and Field Observations**  
Chase LaDue, Doctoral Candidate, George Mason University
- 1:55 – 2:10pm **Pregnancy in Zoo-managed African Elephants (*Loxodonta africana*): Hormonal and Metabolic Indicators of Successful and Unsuccessful Pregnancies**  
Chelsi Marlof, Graduate Student, For Elephants, Inc.
- 2:15 – 2:30pm **Our Not-so-normal Birth**  
Kristin Windle, Keeper III – Elephants, Houston Zoo  
Daryl Hoffman, Curator of Large Mammals, Houston Zoo

### TUESDAY, OCTOBER 13, 2020

*Moderated by Jill Sampson*

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- 12:00 – 12:05pm **Moderator Chat**  
Jill Sampson, EMA Executive Committee Member
- 12:10 – 12:50pm **Panel Discussion: Elephant Conservation in Africa in a Post-pandemic World**  
Mike Keigwin, Uganda Conservation Foundation  
Emily Otali, Kibale Forest School Program  
Nikita Iyengar, Conservation Lower Zambezi

- 12:55 – 1:10pm **Elephant Conservation in the Face of the Global Pandemic, and Why Elephant Ambassadorship is More Important than Ever**  
Sarah Conley, Conservation Coordinator, International Elephant Foundation
- 1:15 – 1:30pm **How the COVID-19 Crisis is Affecting Tourist Camp Management and Elephant Welfare in Northern Thailand**  
Janine Brown, Research Physiologist, Smithsonian Conservation Biology Institute
- 1:35 – 1:50pm **Elephant Conservation Activities that Keep Us Busy at the Bornean Elephant Sanctuary, Sabah Malaysian Borneo**  
Vi Siva Pirasath Vijaya Kumar, Wildlife Rescue Unit Ranger/Keeper, Sabah Wildlife Department  
Aidey Jaumin, Wildlife Rescue Unit Ranger/Keeper, Sabah Wildlife Department
- 1:55 – 2:10pm **Training for Confidence**  
Eric Duning, Elephant Staff, Cincinnati Zoo & Botanical Garden  
Christine Ison, Elephant Staff, Cincinnati Zoo & Botanical Garden
- 2:15 – 2:40pm **Assessing Metabolic Biomarkers in African Elephants in Kruger National Park, South Africa**  
Kari Morfeld, Elephant Research Biologist, For Elephants, Inc.

**WEDNESDAY, OCTOBER 14, 2020**

*Moderated by Tripp Gorman*

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- 12:00 – 12:05pm **Moderator Chat**  
Tripp Gorman, EMA Secretary and Member of Board of Directors
- 12:10 – 12:25pm **Let’s Talk about Change: Assessing Well-being of Elephants through Major Events and Transitions**  
Sharon Glaeser, Research Associate, Oregon Zoo
- 12:30 – 12:45pm **Using Welfare Assessments and Adaptive Management Strategies to Optimize Well-being in a Geriatric African Elephant**  
Louis DiVincenti, Assistant Director of Animal Care & Conservation, Seneca Park Zoo
- 12:50 – 1:05pm **Demonstration of Enrichment-based Research on the Elephant Trunk**  
Andrew Schulz, PhD Student, Georgia Tech  
Scott Hooper, Keeper 2, Zoo Atlanta
- 1:10 – 1:25pm **Elephant Transfusion Medicine**  
Ellen Wiedner, Veterinarian, Hyrax Consulting, LLC
- 1:30 – 1:45pm **A Quick and Simple Way to Spin Down Plasma for Transfusion**  
Ellen Wiedner, Veterinarian, Hyrax Consulting, LLC
- 1:50 – 2:05pm **Supporting and Encouraging EMA Member Advocacy**  
Rachel Garner, Consultant, Garner Research & Consulting

**THURSDAY, OCTOBER 15, 2020**

*Moderated by Daryl Hoffman*

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- 12:00 – 12:05pm **Moderator Chat**  
Daryl Hoffman, EMA Executive Director
- 12:10 – 12:25pm **Multiple Assessments of Personality and Cognition in Zoo Elephants**  
Lisa Barrett, Postdoctoral Fellow in Animal Behavior, Oklahoma City Zoo

- 12:30 – 12:45pm**    **The Role of Elephant Behavior and Cognition in the Conservation of Wild Asian Elephants in Thailand**  
Sarah Jacobson, PhD Student, Hunter College and The Graduate Center, The City University of New York
- 12:50 – 1:05pm**    **Novel Molecular Aging Clock for Elephants using DNA Methylation Data**  
Natalia Prado, Postdoctoral Research Fellow, Smithsonian Conservation Biology Institute
- 1:10 – 1:25pm**    **What the Elephant Ear can Teach Us about Conservation, Captive Care, and Human Medicine**  
Caitlin O’Connell-Rodwell, Instructor, Harvard Medical School
- 1:30 – 1:45pm**    **Can Increased Exposure to EEHV Shedding Protect Asian Elephant (*Elephas maximus*) Calves from Fatal Disease?**  
Kathryn Perrin, Copenhagen Zoo  
Christian Schiffmann, University of Zurich
- 1:50 – 2:05pm**    **How Carbon Sequestration (or Forest Preservation or Carbon Credits) Benefits the People and Elephants of the Kasigau Wildlife Corridor of Kenya**  
Bruce Schulte, Associate Vice President, Western Kentucky University
- 2:10 – 2:40pm**    **Building Resiliency, Increasing Resistance, and Improving Recovery**  
Erin McNally, Wildlife, Aquatic, & Zoo Relief Veterinary Technician, Wildlife Aquatic Zoo Relief

**FRIDAY, OCTOBER 16, 2020**

*Moderated by Jessica Scallan*

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- 12:00 – 12:05pm**    **Moderator Chat**  
Jessica Scallan, EMA Executive Committee Member
- 12:10 – 12:25pm**    **Opportunities for Collaborative Approaches on Crop-raiding Prevention can Advance Elephant Conservation**  
Lynn Von Hagen, Presidential Research Fellow, Auburn University
- 12:30 – 12:45pm**    **Connecting the Dots**  
Jillian Voss, Senior Keeper: Elephants, Henry Doorly Zoo and Aquarium
- 12:50 – 1:05pm**    **Finding a Lime in a Corona: A Presentation about Zoo Atlanta’s Elephant Program**  
Scott Hooper, Keeper 2, Zoo Atlanta  
Catie Auduchon, Keeper 1, Zoo Atlanta
- 1:10 – 1:25pm**    **It’s OK, I’m an Anthrozoologist...**  
Michell Szydłowski, Instructor at Beacon College, PhD Researcher at University of Exeter
- 1:30 – 1:45pm**    **Providing Geriatric Care within a Multigenerational Herd at the Oklahoma City Zoo**  
Jess Durante, Senior Animal Caretaker, Oklahoma City Zoo  
Rachel Emory, Curator of Elephants/Rhinos, Oklahoma City Zoo
- 1:50 – 2:05pm**    **Taronga Western Plains Zoo Bull Management, 2015 to the Future**  
Glenn Sullivan, Unit Supervisor of Elephants, Taronga Western Plains Zoo