

**NC State Natural Resources Foundation, Inc.**  
**Board Meeting Open Session Minutes**  
**January 17, 2019**

**Members Present:** Lewis Ledford, Chairman; Blas Arroyo, Lou Boos, Jim Bowen, Sam Cook, Lara Brown de Fuenmayor, Vicki Hardee, Hunter Jenkins, Dick Ludington, Charles Meeker, Jackson Naftel, Phil Rea, Harry Sideris, Ron Terry, Mary Watzin

**Members Absent:** Elizabeth Biser, Jim Buzzard, Chris Davidson, Barbara McCutchan, Mary Peloquin-Dodd, Dick Porterfield, Genie Ussery

**Others Present:** Bradley Alif, Imani Bell, Hailey Boone, Jim Broschert, Emily Capps, BL Carson, Caren Cooper, Sarah Corica, Michael Cove, Jason Cryan, Ashleigh Eason, Myron Floyd, Sara Futch, Marko Hakovirta, Jacob Hill, Shane Jarvis, Kathryn Jewell, Roland Kays, Monica Lasky, Marian McCord, Arielle Parsons, Matt Snider, Jennifer Viets

Chair Ledford called the winter meeting to order at 1:06 p.m. at the William G. Ross Environmental Center in the NC Museum of Natural Resources. He welcomed all present and Mr. Ledford reminded members of the Conflict of Interest and Code of Ethics Policy.

Dr. Jason Cryan, Interim Director of the NC Museum of Natural Sciences the Board to the Museum. He explained the collaboration between the College Natural Resources – The go-to place for solutions to natural resource challenges – and the NC Museum of Natural Resources – To illuminate the natural world and inspire its conservation. Dr. Cryan hosted the Board on a tour of the Dueling Dinosaurs exhibit.

Dr. Roland Kays, Head of the Biodiversity Lab at the museum, spoke about the lab, what it encompasses and the Candid Critters Program. His research focuses on how, where and why animals move. He was co-discoverer of the olinguito, a new species of mammal from Ecuador and is the cofounder of the Movebank animal tracking database and the eMammal camera-trapping database.

Associate Professor Caren Cooper is part of an interdisciplinary team of faculty in The Chancellor's Faculty Excellence Program in Leadership in Public Science. She spoke with the Board about citizen science, human dimensions of natural resource management, and how the two intersect.

Students from Dr. Kays' and Dr. Cooper's lab gave 90 second presentations.

**From Dr. Kays' lab:**

Hailey Boone, M.S. Student at NC State  
Project: Using camera traps to understand fawn predation

Monica Lasky, Citizen Science Volunteer coordinator  
Project: North Carolina Candid Critters

Jacob Hill, Undergrad at NC State  
Project: Cat Tracker

Arielle Parsons, Ph.D. Student at NC State and Citizen Science Volunteer Coordinator  
Project: Wildlife interactions on large scales using citizen-science camera trapping

Matt Snider, M.S. Student at NC State  
Project: Global comparison of leopard home range use compared to human development.

Mike Cove, Ph.D. Postdoc with Smithsonian Conservation Biology Institute Projects  
Using camera trap data to inform mammal conservation strategies and the D.C. Wildlife Survey and Cat Count

**From Dr. Cooper's Lab:**

Bradley Allf, M.S. Student at NC State  
Project: SciStarter

Imani Bell, M.S. Student at NC State  
Project: Crowd the Tap, a citizen science project testing homes for lead pipes.

BL Carson, M.S. Student at NC State  
Project: Sound Around Town, using the soundscape approach to understand perceptions of sound and noise.

Sara Futch, M.S. Student at NC State  
Project: Scistarter

Suzanne Hartley, M.S. Student at NC State  
Project: Sparrow Swap, exploring eggshell patterning as an indicator of heavy metals.

Kathryn Jewell, Undergrad at NC State (Senior)  
Project: Sparrow Swap, examining how development stage impacts eggshell thickness.

Maria Sharova, M.S. Student at NC State  
Project: Evaluating embedded assessments for Scistarter, a citizen science aggregate.

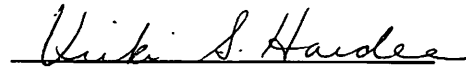
Lisa Lundgren, Postdoctoral Research Associate, NC State  
Projects: Assessing learning outcomes within online citizen science projects including Crowd the Tap, a citizen science project testing homes for lead pipes and SciStarter, a citizen science aggregate.

The Board toured the Biodiversity Lab.

Dean Watzin summarized how important citizen science is and how it interfaces with the College of Natural Resources and the Museum. The partnership is strong and there are plans to expand collaboration.

With no further business, the meeting recessed at 4:59 p.m. until 8:30 a.m. Friday, January 18.

Respectfully submitted:

A handwritten signature in cursive script that reads "Vicki S. Hardee". The signature is written in black ink and is positioned above a horizontal line.

Vicki S. Hardee, Secretary