



Mid-Atlantic Biological
Anthropology Interest Group

Joint NEEP and MABIG Meeting Program



FRIDAY, November 3th, 2023

5:30-06:00 pm **Registration**
06:00-06:10 pm **Welcome**
06:10-07:00 pm **Keynote Talk: Dr. Carter Clinton**
Assitant Professor, North Carolina State University

Location: **817 W. Franklin St., Room 110**

SATURDAY, November 4th, 2023

9:00 am **Coffee and a light breakfast**
Location: 817 W. Franklin st., Second floor

9:30 am **Welcome**
Location: 817 W. Franklin St., Room 202

Session 1

09:45-10:00 am **Food in Space and Time: Interactions Between Resource Distribution, Group Size, and Feeding Competition**

Marcy Ekanayake-Weber (1, 2)

Co-authors: Cunha, D (1); Mathew, N (1); Grimm, V (3); Koenig, A (1).
(1) Stony Brook University; (2) Yale University; (3) Helmholtz Center for Environmental Research - UFZ.

10:00-10:15 am **Genetic evidence that arboreal but not terrestrial guenons declined during last glacial maximum**

Amanda I. Johnston (1)

Co-authors: Tosi, A.J. (2); Cords, M. (1); Bergey, C.M (3).
(1) Columbia University; (2) Kent State University; (3) Rutgers University

10:15-10:30 am **Mass Graves in Bioarchaeology: A Proposed Definition**

Lee L. Hill (1).

(1) Virginia Commonwealth University.

10:30-10:45 am	<p>Urinary C-Peptide and total triiodothyronine as biomarkers for studying lemur energetics.</p> <p>Nina Beeby (1,2,3)</p> <p>Co-authors: Baden, A.L. (1,2,3); Higham, J.P. (3,4). (1) Hunter College, CUNY; (2) CUNY Graduate Center; (3) NYCEP; (4) New York University.</p>
10:45-11:00 am	<p>Sexually Dichromatic Hair and Relative Expression of Key Pigmentation Genes in Blue-eyed Black Lemurs (<i>Eulemur flavifrons</i>)</p> <p>Thomas C. Wilson (1)</p> <p>Co-authors: Disotell, T.R. (1); Kamilar, J.M. (1); Bradley, B.J. (2). (1) University of Massachusetts Amherst; (2) George Washington University</p>
11:00-11:30 am	Break
Session 2	
11:30-11:45 am	<p>Using local ecological knowledge to understand slow loris ecology in human-altered landscapes</p> <p>Luke F. Quarles (1)</p> <p>Co-authors: Dechanupong, J.; Gibson, N. (2); Nekaris, K.A.I. (3). (1) University at Buffalo; (2) Love Wildlife Foundation; (3) Oxford Brookes University</p>
11:45-12:00 pm	<p>Facial fluctuating asymmetry in three species of colobus monkeys</p> <p>Jimmy Erkens (1, 2)</p> <p>Co-authors: McGraw, W.S. (2). (1) Boston University; (2) The Ohio State University</p>
12:00-12:15 pm	<p>The movement ecology of orangutan male bimaturism: alternative male tactics impact the sinuosity, total displacement, length, and speed of path trajectories</p> <p>Frank T. Short, (1)</p> <p>Co-authors: Alavi, S.E. (2); Schuppli, C. (2); Mitra Setia, T. (3); Vogel, E.R. (4). (1) Boston University; (2) Max Planck Institute of Animal Behavior; (3) Universitas Nasional; (4) Rutgers University</p>
12:15-12:30 pm	<p>Give Us This Day Our Daily Dread: Nutrition, Horror Fiction, Poverty, and the Food We Eat Rebecca Gibson,(1);</p> <p>(1) Virginia Commonwealth University.</p>
12:30-02:00 pm	Lunch Break
Location:	817 W. Franklin St. Second Floor
2:00-4:00 pm	Poster Session
4:30 pm	Student Awards and Closing Remarks

POSTER PRESENTATIONS

1. **Citation Network Visualizations in Paleoanthropology with SerpApi, Gephi, and Impact Assessment**

Vergamini, M. (1)

Co-author: Rector, A.L (2)

(1) Integrative Life Science, Virginia Commonwealth University, (2) School of World Studies, Virginia Commonwealth University

2. **Possible evidence of effective female mate choice in wild blue monkeys (*Cercopithecus mitis*)**

Sofia Schembari (1)

Co-authors: Miller, C (1); Roberts, S (1); Cords, M (1).

(1) Columbia University

3. **Characterizing separate slow loris species via landmark-based cranial morphology**

Lauren Doherty (1)

Co-authors: Cooper, M.J. (1); Nekaris, K.A.I. (2); Blair, M.E. (3); von Cramon-Taubadel, N. (1); Poindexter, S.A. (1).

(1) University at Buffalo (2) Oxford Brookes University (3) Center for Biodiversity and Conservation, the American Museum of Natural History

4. **Behavioral Patterns of a Breeding Pair of *Xanthonycticebus* in a Captive Setting**

Matt Cunningham (1)

Co-author: Poindexter, S.A. (1).

(1) University at Buffalo

5. **Wild Primate Gut Microbiomes across a Global Landscape**

Laura K. Haynes (1)

Co-author: Kamilar, J.M. (1).

(1) University of Massachusetts Amherst

6. Preliminary Comparative Analysis of the FOXP3 gene in Kittitian and Gambian African Green Monkeys (*Chlorocebus sabaeus*)

Jimmy Erkens (1)

Co-authors: Gagnon C.M. (1); Svardal H. (2, 3); Jasinska A.J. (4, 5, 6); Cramer J.D. (7); Freimer N.D. (4); Grobler J.P. (8); Turner T.R. (8, 9); Schmitt C.A. (1).

(1) Boston University; (2) University of Antwerp; (3) Naturalis Biodiversity Center; (4) University of California, Los Angeles; (5) Polish Academy of Sciences; (6) University of Pittsburgh; (7) ROC USA; (8) University of the Free State; (9) University of Wisconsin, Milwaukee

7. Post-Fission Group Choice in Blue Monkeys

Rory K. Wakeford (1)

Co-author: Cords, M. (1).

(1) Columbia University

8. Remote Measurement of Morphological Traits on Wild Critically Endangered Yellow-Tailed Woolly Monkeys (*Lagothrix flavicauda*) in Perú

Sofia M. Weaver (1)

Co-authors: Pain, E. L. (1), Cornejo, F. M. (2), Alcira Portocarrero Lapid, Miriam (3), Di Fiore, T. (4), Schmitt, C.A. (1).

(1) Boston University, (2) Yunkawasi, (3) La Asociación de Conservación Oso Dorado Hierba Buena Allpayacu, (4) University of Texas at Austin

9. Characterizing variation in black-and-white ruffed lemur (*Varecia variegata*) allomaternal care.

Josephine Delaney-Soesman (1)

Co-author: Baden, A.L. (2,3,4)

10. A comparison of the gut microbiota of two ateline species with variable diets and altitudinal ranges, the common woolly monkey (*Lagothrix lagotricha poeppigii*) and the yellow-tailed woolly monkey (*Lagothrix flavicauda*)

Evelyn Pain (1)

Co-authors: Zarate, M.L. (1); Martin, J. (1); Albert, Z. (1); Di Fiore, A. (2); Schmitt, C.A. (1).

(1) Boston University; (2) University of Texas - Austin

11. Positional behavior of forest-living olive baboons (*Papio anubis*).

Louis Gorgone (1)

Co-authors: McGraw, W. S. (2) Swedell, L. (3).

(1) CUNY Graduate Center; (2) The Ohio State University; (3) CUNY Queens College

12. Phylogenetic relationships between *Varecia* species and subspecies based mitochondrial DNA sequences

Aparna Chandrashekar(1,2)

Co-authors: Engberg S.(4); Louis E.E.(5); Pacioni, C.(6,7); Baden, A.L. (1,2,3)

(1) The Graduate Center of City University of New York (2) The New York Consortium in Evolutionary Primatology (NYCEP) (3) Hunter College of City University of New York (4) The Nature Conservancy (5) Center for Conservation & Research, Omaha's Henry Doorly Zoo (6) Murdoch University (7) Arthur Rylah Institute for Environmental Research

13. Using Extant Primate Diets and Morphological Shoulder Variation in Extant Primates to Answer Paleoeecology Questions

Esha Sharma (1).

(1) Virginia Commonwealth University

14. Using Bovid Tribe Proportions to Reconstruct East African Paranthropus Environments

Lisa Day (1).

(1) Virginia Commonwealth University