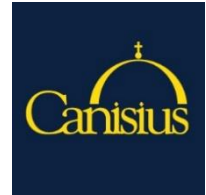




**IV Meeting
of the Northeastern Evolutionary
Primatologists**
September 28-29, 2018



LOCATION: CANISIUS COLLEGE, BUFFALO, NY

Free Parking: Friday after 4PM and all day Saturday in any Canisius Lot (preferred lots are Science Hall and the Parking Ramp)

REGISTRATION

Science Hall, Commons	Friday, September 28, 2018	05:00-06:00 pm
	Saturday, September 29, 2018	08:00-08:45 am

- We will provide name tags, but neither a printed program nor writing pads, pens, or bags.
- To minimize the use of plastic we encourage you to bring your water bottle.
- On-site registration available (cash only please, \$40 students and \$80 faculty)

PODIUM PRESENTATIONS

The talks are scheduled for 20 minutes with 17 minutes for the presentation itself and 3 minutes for Q&A.

POWERPOINT PRESENTATIONS UPLOAD

Please have your PowerPoint on a pendrive ready to upload to the conference laptop Saturday during registration or lunch. If you present on the first session on Saturday, it would be of great help if you could give us your presentation on Friday evening.

POSTER PRESENTATIONS

Posters may have either a portrait or landscape orientation with a maximum size of 48 inches x 36 inches. Please remain within these limits due to space constraints.

FOOD AND DRINKS

The conference fee includes a reception after the keynote speaker talk on Friday, as well as breakfast, coffee breaks, lunch, and a party on Saturday night at the home of Sue Margulis (a short walk from campus) featuring Buffalo specialties including our famous wings. The Friday evening reception includes one free drink and a cash bar; Saturday we will ask for a small, voluntary contribution for drinks. All meals and breaks on Saturday will be held in the Science Hall Commons.

GENERAL MEETING

We will have a NEEP General Meeting on Saturday after the afternoon coffee break and before the poster session.

ACKNOWLEDGMENTS

Support for the conference is generously provided by the Office of Academic Affairs at Canisius College, John Wiley & Sons, Inc., and Pogonias Press particularly Noel Rowe.

CONFERENCE ORGANIZATION

Andrea Baden, Carola Borries, Alex Decasien, Andreas Koenig, and Sue Margulis with help from Mary Fiorella and Connie Pileri. Local coordinator and host Sue Margulis. We also thank all the many volunteers helping during the conference.

PROGRAM COMMITTEE

Carola Borries, Lauren Halenar-Price, Andreas Koenig, Sue Margulis, Malini Suchak

FRIDAY, SEPTEMBER 28, 2018

Location: Science Hall

Commons

05:00-06:00 pm	Registration
06:00-06:10 pm	Welcome
06:10-07:00 pm	Keynote Talk
	A Tale of Two Colobus - and the winding path between them
	Julie Teichroeb, University of Toronto, Scarborough, Canada

Location: Winter Student Center

Grupp Fireside Lounge (2nd Floor)

07:00-09:00 pm	Reception
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SATURDAY, SEPTEMBER 29, 2018

Location: Science Hall

Commons

08:00-08:45 am	Registration and Breakfast
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ROOM 1013A/B

08:50-08:55 am	Welcome
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Session 1: Primate foods, gaze and care. Chair: Andreas Koenig

09:00-09:20 am	Chimpanzees as ecosystem service providers: seed dispersal of an economically important plant resource Will Aguado, Haldre S. Rogers, Stacy Lindshield, Jill D. Pruetz
09:20-09:40 am	Wild Bornean orangutan (<i>Pongo pygmaeus wurmbii</i>) feeding rates and the marginal value theorem Andrea DiGiorgio, Elizabeth Mary Upton, Cheryl Knott
09:40-10:00 am	Eye spy a gorilla Amy Bucklaew, Elizabeth Tanner, Sydney Chertoff, Jonathan Rodgers, Susan Margulis
10:00-10:20 am	Allomaternal care by conspecifics impacts activity budgets of <i>Colobus guereza</i> mothers Dominique Raboin, Andrea Baden, Jessica Rothman
10:20-10:40 am	Coffee-Tea Break

Session 2: Primate brains and genomes. Chair: Sue Margulis

10:40-11:00 am	The early primate history of cortical folding Nicolas G. Wigganhauser, Jeroen B. Smaers
11:00-11:20 am	Phenotypic and phylogenetic differences between primates are linked to gene expression differences in metabolic and neural processes in the primary visual cortex Trisha M. Zintel, John J. Ely, Mary Ann Raghanti, William D. Hopkins, Patrick R. Hof, Chet C. Sherwood, Jason M. Kamlar, Amy L. Bauernfeind, Courtney C. Babbitt
11:20-11:40 am	Phylogenetic history of the AMY gene family in catarrhines Christian Gagnon, Michael Steiper

11:40am-12:00 pm **Computational analysis of the aye-aye (*Daubentonia madagascariensis*) genome reveals lineage-specific Alu subfamilies**
Adam T. McLain, Emily L. Frisa, Samantha M. Henry

12:00-01:15 pm **Lunch Break (be prepared for some serious networking!)**

Room 1013A/B

Session 3: Primate sexual behavior and dispersal. Chair: Andrea Baden

1:20-1:40 pm **Do male Balinese macaques use stones as sex toys to engage in tool-assisted masturbation?**
Camilla Cenni, Chloë India Wright, Noëlle Gunst, Paul L. Vasey, Jean-Baptiste Leca

1:40-2:00 pm **Priority of access model is a good fit despite the occurrence of following, an alternative mating strategy in wild crested macaques (*Macaca nigra*)**
Lisa Danish, Andre Pasetha, Muhammad Agil, Antje Engelhardt

2:00-2:20 pm **An evaluation of demographic changes and environmental factors influencing the natal dispersal of owl monkeys (*Aotus azarae*)**
Margaret Corley, Eduardo Fernandez-Duque

2:20-2:40 pm **Determining primate dispersal ability in fragmented landscapes using metapopulation dynamics**
Travis S. Steffens, Shawn M. Lehman

2:40-3:00 pm **Coffee-Tea Break**

3:00-4:00 pm **General Meeting @ Room 1013A/B**

Commons

4:00-6:00 pm **Poster Session**

30 Crescent Avenue (10 minute walk from Science Hall, 3 minute drive)

6:30 - ? **Farewell party**

POSTER PRESENTATIONS (ALPHABETICAL BY FIRST AUTHOR)

- 1. Territorial demarcation via scent marking behavior in Verreaux's sifaka (*Propithecus verreauxi*)**
David Anderson, Chloe Chen-Kraus, Njaratiana Anick Raharinoro, Ny Antsa Miravo Randrianirinarisoa
- 2. Regurgitation and re-ingestion in captive gorillas**
Taryn Bansmer, Sue Margulis
- 3. Fission-fusion dynamics in primates: A call for standardizing methods to facilitate comparison of subgrouping properties**
Carly H. Batist, Andrea Baden
- 4. Feeding Ecology of Black-and-White Ruffed Lemurs (*Varecia variegata*) in Ranomafana National Park, southeastern Madagascar**
Nina Beeby, Andrea Baden
- 5. Comparing evolutionary models of primate hair color variation**
Rachel B. Bell, Brenda J. Bradley, Jason M. Kamilar
- 6. Experimentally-induced traditions in wild baboons reveal limitations on information transmission at multiple levels**
Alecia Carter, Guy Cowlshaw
- 7. An assessment of vertebral variation in species of *Macaca***
Christopher Cerbini, Noreen von Cramon-Taubadel, Amandine Eriksen

- 8. Were stones our ancestral fidget spinners? A macaque-human comparison of fidgeting**
Sydney Chertoff, Jean-Baptiste Leca, Afra Foroud
- 9. The relationship between vomeronasal traits and the navigational demands of social living in primates**
Rebecca M. DeCamp, Stephanie A. Poindexter, Eva C. Garrett
- 10. Fiber content of plants consumed by wild Bornean orangutans (*Pongo pygmaeus wurmbii*) in Gunung Palung National Park, West Kalimantan, Borneo**
Madeline Eori, Erin E. Kane, Nancy Conklin-Brittain, Cheryl Knott
- 11. Sex and taxonomic assessment in Cercopithecinae using geometric morphometric methods**
Brittany A. Kenyon, Mark A. Conaway, Noreen von Cramon-Taubadel
- 12. Distance makes the heart grow fonder?**
Megan Miller
- 13. Timing of reproductive onset among female vervet monkeys (*Chlorocebus pygerythrus*) in wild and human impacted populations**
Stacy-Anne Parke, Alicia M. Rich, Maryjka B. Blaszczyk, Christopher A. Schmitt
- 14. Investigating the milk microbiome of captive vervet monkeys (*Chlorocebus aethiops*)**
Lauren Petrullo, Noah Snyder-Mackler, Amy Lu
- 15. Diet changes and its impact on regurgitation and re-ingestion in three adult gorillas at the Buffalo Zoo**
Karilyn Tuite, Josh Pajek, Taryn Bansmer
- 16. Hand preference in ruffed lemurs (*Varecia* spp.) when performing touchscreen cognitive tasks**
Raymond Vagell, Tyler Andres-Bray, Andrea L. Baden