

Kristin Sabbi

Ph.D Candidate

Department of Anthropology

University of New Mexico

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EDUCATION:

2015 Advancement to Candidacy (with distinction), Department of Anthropology, **University of New Mexico**, Albuquerque NM

2014 M.S. in Anthropology, **University of New Mexico**, Albuquerque NM

2009 B.S. in Nonfiction Cinema Production (*Cum laude*) and Anthropology minor, **Ithaca College**, Ithaca, NY

RESEARCH INTERESTS:

- Integrated behavioral and hormonal development from infancy to reproductive maturity
- Interactive effects of early life experience, sensitivity to experience, and androgen hormone exposure on infant and juvenile behavioral development
- The effects of early life experience on current and later-life stress physiology and behavior
- Environmental education and sustainable development

GRANTS, SCHOLARSHIPS, AND OTHER AWARDS:

2017: Ales Hrdlicka Prize for excellence in student research, American Association of Physical Anthropologists (\$500)

2016: Leakey Foundation Dissertation Fieldwork Grant (\$5681); Nacey Maggioncalda Foundation Fieldwork Grant (\$5000); University of New Mexico, New Mexico Research Grant (\$3000), Graduate and Professional Student Union Student Research Grant (\$500), Anthropology Department Student Travel Grant (\$333)

2015: Wenner-Gren Foundation Dissertation Fieldwork Grant (\$17,316)

2014: Honorable Mention, National Science Foundation Graduate Research Fellowship Program; American Philosophical Society: Lewis and Clark Exploration Fund (\$5000); University of New Mexico, New Mexico Research Grant (\$3000); Office of Graduate Studies Research and Professional Travel Grant (\$600); Career Services Student Conference Award Program Travel Grant (\$600); Graduate and Professional Student Union Student Research Grant (\$400)

2013: Honorable Mention, National Science Foundation Graduate Research Fellowship Program; University of New Mexico, Office of Graduate Studies Research and Professional Travel Grant (\$840), Career Services

Student Conference Award Program Travel Grant (\$600); Sigma Xi Grant in Aid of Research (\$400)
2012: Anthropology Dissertation Field Site Development Grant (\$600)
2008: Ithaca College, Alumni Scholarship (\$500)
2006-2009: Ithaca College, WC Egbert Foundation Grant (\$2,000 per year)
2006: Ithaca College, ACG Sophomore Award (\$1,300)
2005-2009: Ithaca College, Access Grant (\$10,000 per year), Dean's Scholarship (\$3,000 per year)

PUBLICATIONS:

Paciulli, L. M., & **Sabbi, K.** (2017). How Do Pagai, Mentawai Island (Sumatra, Indonesia) Nonhuman Primate Characteristics Affect Hunters' Prey Selection?. *Ethnoprimatology: A Practical Guide to Research at the Human-Nonhuman Primate Interface*, 76, 122.

Thompson, M. E., Muller, M. N., **Sabbi, K.**, Machanda, Z. P., Otali, E., & Wrangham, R. W. (2016). Faster reproductive rates trade off against offspring growth in wild chimpanzees. *Proceedings of the National Academy of Sciences*, 113(28), 7780-7785.

Sabbi K, Emery Thompson M, Muller MN, and Wrangham RW. (in prep). Patterns of cortisol excretion among juvenile Kanyawara chimpanzees (*Pan troglodytes schweinfurthii*) reflect sex differences in hormonal development.

Paciulli L, Sabbi K (in prep). New population estimates of Pagai Island, Mentawai, West Sumatran primates.

CONFERENCE PRESENTATIONS:

Sabbi K.H. Thompson, M.E., Otali, E., Machanda, Z., Wrangham R.W., and Muller M.N. (Apr. 2018). *Immature male chimpanzees at Kanyawara receive higher rates of aggression compared to females*. Paper presented at the 87th Annual Meetings of the American Association of Physical Anthropologists, Austin TX.

Sabbi K.H., Thompson, M.E., Muller M.N., Otali, E., Machanda, Z., and Wrangham R.W. (Aug. 2017). *Explaining play partner preferences among Kanyawara chimpanzees: are males simply more willing to play or are they preferentially targeted partners?* Paper presented in an invited symposium on ape development at the 87th Annual Meetings of the American Primatological Society.

Sabbi K, Thompson ME, Muller MN, Machanda Z, Otali E, and Wrangham RW. (Apr. 2017). *Attention to social grooming among immature East African chimpanzees (*Pan troglodytes schweinfurthii*) of the Kanyawara community at Kibale National Park*. Paper presented at the 86th Annual Meetings of the American Association of Physical Anthropologists, New Orleans, LA,

Winner of the Ales Hrdlicka Prize for excellence in student research.

Sabbi K, Thompson ME, and Muller MN, (2016, August). *Unlike human children, both male and female wild East African chimpanzees (*Pan troglodytes schweinfurthii*) prefer male play partners*. Paper presented during an invited symposium on juvenile primate behavior at the 26th Congress of the International Society of Primatologists.

Muller, MN, Thompson, ME, Beheim, BA, Enigk, DK, Gurven, M, **Sabbi, K**, ... and Kaplan, H. S. (Mar. 2016). *Testosterone, musculature, and development in Kanyawara chimpanzees and Tsimane forager-horticulturalists*. In *AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY* (Vol. 159, pp. 236-236). 111 River St., Hoboken, 07030-5774, NJ USA: Wiley-Blackwell.

Sabbi K, Emery-Thompson M, Machanda Z, Muller MN, and Wrangham RW. *Chimpanzee play styles mirror adult social patterns*. (Aug. 2014). Paper presented at the 25th Congress of the International Primatological Society, Hanoi, Vietnam.

Sabbi, K., Thompson, M., Muller, M., & Wrangham, R. (Mar. 2014). Patterns of cortisol excretion and social behavior among juvenile chimpanzees (*Pan troglodytes schweinfurthii*) of the Kanyawara community at Kibale National Park. In *AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY* (Vol. 153, pp. 227-227). 11 River St., Hoboken, 07030-5774, NJ USA: Wiley-Blackwell.

Paciulli L, and **Sabbi K**. (Apr. 2013). How Mentawai Island primate characteristics effect hunters' prey choice. 82nd Annual Meeting of the American Association of Physical Anthropologists, Knoxville, TN.

Paciulli L, and **Sabbi K**. (Apr. 2012) New population estimates of Pagai Island, Mentawai, West Sumatran primates. 81st Annual Meeting of the American Association of Physical Anthropologists, Portland OR.

Sabbi, K. (Mar. 2008) The effect of visitor density on western lowland gorilla (*Gorilla gorilla gorilla*) behavior at the Philadelphia Zoo. 48th Annual Meeting of the Northeastern Anthropological Association, Amherst MA.

Paciulli L, **Sabbi K**, and Montanez G. (Apr. 2008) Handedness and the percent of time spent feeding unimanually versus bimanually in common squirrel monkeys (*Saimiri sciureus*) at the Rosamond Gifford Park Zoo. Annual Whalen Academic Symposium, Ithaca NY.

FIELD EXPERIENCE:

January to August 2015, 2016, and 2017: Kibale National Park, Uganda;
Dissertation Research: The ontogeny of sex-typed social strategies among East African chimpanzees
Supervisors: Dr. Martin N. Muller and Dr. Melissa Emery Thompson

June to August 2013: Kibale National Park, Uganda; **Dissertation Pilot: The ontogeny of sex-typed social strategies among East African chimpanzees;**
Supervisors: Dr. Martin N. Muller, and Dr. Melissa Emery Thompson

April to September 2011: Kakamega Forest Reserve, Kenya; **Field Manager;**
Supervisor: Dr. James Fuller

- Project: **The ontogeny, function and evolution of vocal communication in blue monkeys (*Cercopithecus mitis stuhlmanni*)**
- **Supervised data collection** from six local field assistants
- **Audio-recorded** of vocalizations and participated in playback experiments

May to August 2010: Pacuare Nature Reserve, Bataan, Costa Rica **Research Assistant;** Supervisor: Dr. Elizabeth Eadie

- Project: **Feeding behavior and foraging efficiency of juvenile versus adult white-faced capuchins (*Cebus capucinus*)**
- Continuous focal animal sampling using Noldus Observer behavioral software and Palm Pilot
- Phenological transects and plant identification

December 2009 to January 2010: La Suerte Biological Research Station, Costa Rica; Student; Instructors: Dr. Paul Garber and Dr. Nicoletta Righini
Field Course: Advanced Primate Behavior and Ecology

- Learned to track and identify wild primates
- Methods in behavioral observation
- Independent Research Project: **Age and sex differences in spatial affiliation and social interaction in mantled howler monkeys (*Alouatta palliata*)**

TEACHING EXPERIENCE:

August 2012-Present: University of New Mexico, **Graduate Teaching Assistant** including leading review sessions and grading for ANTH150 Human Emergence and Evolution, ANTH160 Introduction to Human Behavioral Ecology, ANTH 257 Paleoanthropology, and ANTH360 Human Behavioral Ecology

Summer 2013, 2015-2017: Makarere Biological Field Station, Kanyawara, Uganda; **Instructor** for the L'Tle Project lessons in photography and supplementary environmental and science education, **Guest Lecturer** for visiting student groups

December 2010 to January 2011: La Suerte Biological Research Station, Costa Rica; **Teaching Assistant**; Supervisor: Dr. Amy Schrier
Field Course: **Primate Behavior and Ecology**

- Lectured on juvenile social behavior and development
- Taught field methods in forest navigation, tracking animals, and behavioral observation

OTHER RELEVANT EXPERIENCE:

2012 to present: **Graduate Laboratory Assistant**, University of New Mexico Hominid Behavioral Endocrinology Lab, Albuquerque, NM

- **1000+ hours** training in **endocrine analysis** including hormone **extraction** and both **ELISA** (cortisol, creatinine, testosterone, and DHEA-S) and **radio-immunoassay** techniques (c-peptide, DHEA-S)

2013 to present: **Founder and Co-Director, Learn Through the Lens Exchange (L'TLe)** Project, Albuquerque, NM and Kibale National Park, Uganda
Project aims:

- Teaching **environmental science** to under-privileged American and Ugandan youth through **photographic exchange**; fostering **pride in local wildlife** and encouraging a sense of **environmental stewardship**
- **Develop interdisciplinary curriculum** to meet state-based benchmark standards for science/technological, history/social studies, and art
- **Provide access** to educational materials and support **training in environmental education** for **Ugandan** teachers

2017 to present: **Events Manager**, Advancing Women in Science

- Founding member
- Plan and coordinate outreach and funding events to support women in STEM and encourage community engagement

2009: **Event Coordinator**; Year of the Gorilla Benefit; Ithaca NY

- **Founded** and planned the event
- Partnered with the Anthropology Club of Ithaca College and faculty

- Proceeds donated to **Limbe Wildlife Center in Cameroon**

2008: **Volunteer Program Consultant**; Syracuse Lost Boys Clay Cow Project; Syracuse, NY

- **Sudanese Lost Boys of Central New York** and board members
- Project aimed to **raise scholarship funds** for group members through the sale of **sculpted ceramic cows**
- **Ceramic Consultant**, taught glazing and firing techniques

PROFESSIONAL ORGANIZATIONS:

American Association of Physical Anthropology (2008 to present), Student Member

International Primatological Society (2014 to present), Student Member

American Society of Primatologists (2014 to present), Student Member

Advancing Women in Science (2017 to present), Founding Member, Events Manager

UNM Anthropology Graduate Student Union (2012 to present), Subfield Representative and Conference Board (2013 to 2014)

UNM Graduate and Professional Student Union (2012 to present)

Sigma Xi Research Society (2008 to present)