SEBASTIÁN RAMÍREZ AMAYA
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EDUCATION

2017 Evolutionary Anthropology Ph.D. student.
School of Human Evolution and Social Change.
Arizona State University

2013 B.Sc in Biology. Universidad de Los Andes (Bogotá, Colombia)
GPA: 4.1/5.0
Undergraduate Thesis: Sociality of the dispersal sex*:* Nature of female bonds and social relationships in a group of brown spider monkeys, *Ateles hybridus***,** in the Magdalena Middle Valley, Colombia

2012 Universidad de Las Islas Baleares**.** Palma de Mallorca, Spain.
Study abroad program. CINDA mobility program for South America and Spain

RESEARCH INTERESTS:

-Non-human primates (NHP) social behavior
-Non-human primates molecular ecology
-Effects of habitat fragmentation in NHP social relationships
-Tropical ecology
-Conservation of fragmented habitats

WORKING AND PROFESSIONAL EXPERIENCE

Aug 2017- Present. Graduate Assistant and Associate. School of Human Evolution and Social Change. Institute of Human Origins. **Arizona State University.**

Oct 2016- Jul 2017. Laboratory trainee and assistant for the Molecular Ecology Laboratory, Department of Primatology, Max Planck Institute for Evolutionary Anthropology. Leipzig, Germany. Genetic analyses of eastern chimpanzees. DNA extraction, amplification

and genotyping of non-invasive (fecal) and bone samples. PI: **Dr. Linda Vigilant** and **Dr. Kevin Langergraber**

2016 Operational technician/ Researcher. Design of pilot project using incentive mechanisms to conserve biodiversity in the Colombian Amazon basin. **Universidad de Los Andes & USAID-Patrimonio Natural.**

2015 Project Manager and researcher for the GMERC, Issa Camp. Western Tanzania. Overall Project coordination, management of data collection for multiple ongoing studies (chimpanzee, baboon, and red-tail monkey behavioral ecology) at the site, finance administration, and schedule organization. PI: **Dr. Alex Piel** (LJMU) and **Dr. Fiona Stewart** (LJMU).

2014 Research assistant for the Atelines Project at Tiputini Biodiversity Station, Ecuador. Long term research project studying social behavior of the white bellied spider monkey, *Ateles belzebuth.* PI: **Dr. Anthony Di Fiore** (UT at Austin) and **Dr. Andrés Link** (UniAndes).

2013 Researcher for the "Fundación Proyecto Primates" at Santander, Colombia. Behavioral data collector for a medium term research project on the social behavior of the critically endangered brown spider monkey, *Ateles hybridus.* PI: **Dr. Andrés Link** (UniAndes).

PUBLICATIONS

Piel, A. K., Bonnin, N., **Ramirez-Amaya, S.**, Wondra, E., & Stewart, F. A. (2018). Chimpanzees and their mammalian sympatriates in the Issa Valley, Tanzania. *African Journal of Ecology*. https://doi.org/10.1111/aje.12570

Link, A., **Ramirez-Amaya, S.**, Montes-Rojas, A., de Luna, A.G., and Di Fiore, A. (2018). Dinámica demográfica de los monos araña café (*Ateles hybridus*) en un hábitat fragmentado en San Juan de Carare, Colombia. In: Primatología en Latinoamerica (B. Urbani, M. Kowalewski, R.G. Teixeira da Cunha, S. de la Torre, and L. Cortés-Ortiz, eds.) Caracas, Venezuela: Instituto Venezolano de Investigaciones Científicas.

Ramirez-Amaya, S., McLester, E., Stewart, F. A., & Piel, A. K. (2015). Savanna chimpanzees (Pan troglodytes schweinfurthii) consume and share blue duiker (Philantomba monticola) meat in the Issa Valley, Ugalla western Tanzania. *Pan Africa News*, *22*(2).

Ramirez-Amaya S, Link A (2014). La socialidad del sexo dispersor: naturaleza de los lazos y relaciones sociales de las hembras en un grupo de monos araña café, *Ateles hybridus*, en el Magdalena Medio de Colombia. Undergraduate honors thesis en: Catalogo Universidad de Los Andes. Universidad de Los Andes. Bogotá, Colombia.

CURRENT RESEARCH PROJECTS

Ramirez-Amaya S, Langergraber (In prep.). Male-female relationships in chimpanzees and the evolution of pair-bonding in humans.

Ramirez-Amaya S, Link A, Langergraber K, Di Fiore A (In prep.). Male-female relationships in spider monkeys and its implications for future reproductive success.

Link A, **Ramirez-Amaya S**, Di Fiore A (In prep.). Fission-Fusion dynamics of the dispersal sex: Behavioral flexibility or a sub-optimal response to environmental pressures?

CONFERENCE ABSTRACS

Stewart F.A, Bonnin N, Chitayat A, Pintea L, **Ramirez-Amaya S**, Piel A.K (2017). Traces and trends: A status update of extra-park chimpanzees of Tanzania's Greater Mahale Ecosystem. 11thTawiri Scientific Conference. Arusha, Tanzania.

TALKS

Ramirez-Amaya S, Link A, Di Fiore A (2016). When fission and fusion is not enough: Patterns of aggression and dominance relations in two groups of spider monkeys living in contrasting environments. Abstract #6563 at IPS/ASP Joint Meeting. Chicago, USA (22-27Aug https://www.asp.org/IPS/meetings/2016abstracts.pdf

Ramirez-Amaya S, Di Fiore A, Link A (2014). Nature of female bonds and social relationships in a group of brown spider monkeys, *Ateles hybridus***,** in the Magdalena Middle Valley, Colombia. IV National Zoology Congress. Cartagena, Colombia. IV National Zoology Congress. Cartagena, Colombia (01-06Dec)

SCHOLARSHIPS AND GRANTS

2018 School of Human Evolution and Social Change. Graduate Fellowship, $3400.
2017-2022 Multi-Year Teaching Assistantship Recruitment Package. School of Human Evolution and Social Change, ASU.
2014 National Zoology Congress Scholarship

SKILLS AND QUALIFICATIONS:

-Extensive experience using camera traps for research (2013-2015)
-Use of relational databases
-Computational software such as R, Access, SocProg, Microsoft Excel, Microsoft Word, Gimp 2.0, HandBase, DNR Garmin, KOBO collect, ArcGis and QGIS

TEACHING EXPERIENCE

2018 **Teaching Assistant, Epidemics and Outbreaks.** Arizona State University
2017 **Teaching Assistant, Disease and Human Evolution.** Arizona State University
2010-2011 **Course Instructor, Mathematics III.** Universidad de Los Andes. Bogotá, Colombia
2012 **Course Instructor, Biology for Psychology.** Universidad de Los Andes. Bogotá, Colombia

LANGUAGES

English: proficiency (TOEFL 104/120)
Kiswahili: fluent
Spanish: native speaker

REFERENCES

Dr. Alex Piel
School of Natural Sciences and Psychology
Liverpool John Moores University
James Parsons Building
Byrom street, L33AF
Liverpool, United Kingdom
email: A.K.Piel@ljmu.ac.uk
Co-Director, Ugalla Primate Project

Dr. Anthony Di Fiore
Professor and Chair
Department of Anthropology
University of Texas at Austin
2201 Speedway Stop C3200
Austin, TX 78712
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Dr. Kevin Langergraber
Director- Ngogo Chimpanzee Project
Professor
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