

LUCA POZZI

Curriculum Vitae

Department of Anthropology
University of Texas at San Antonio
One UTSA Circle
San Antonio, TX 78249

email: luca.pozzi@utsa.edu
phone: (1) 210.458.7558
website: www.lucapozzi.me

EDUCATION

- Ph.D. 2013 Physical Anthropology, New York University, USA
M.S. 2006 Animal Conservation and Biodiversity, University of Torino, Italy
B.S. 2003 Biology, University of Torino, Italy

PROFESSIONAL EXPERIENCE

- 2016 – pres. Assistant Professor, Department of Anthropology, University of Texas at San Antonio, TX, USA
2014 – 2016 Lecturer, Institute for Zoology and Anthropology, University of Göttingen, Germany
2013 – 2016 Postdoctoral scientist, German Primate Center (DPZ), Germany
2006-2007 Research assistant, Department of Life Sciences and Systems Biology, University of Torino, Italy

PUBLICATIONS

Peer-reviewed journal articles

- In press* Zinner D, Keller C, Nyahongo JW, Butynski TM, de Jong YA, **Pozzi L**, Knauf S, Liedigk R, Roos C. Distribution of mitochondrial clades and morphotypes of baboons *Papio* spp. (Primates: Cercopithecidae) in eastern Africa. *Journal of East African Natural History*
- In press* Masters, J.C & **Pozzi L**. Phylogenetic inference. In *International Encyclopedia of Primatology*, edited by Agustin Fuentes, Wiley Blackwell Publishers
- In press* Masters JC, **Pozzi L**, Godfrey L. The Modern Strepsirhines. In *International Encyclopedia of Primatology*, edited by Agustin Fuentes, Wiley Blackwell Publishers
- 2017 Masters JC, Génin F, Couette S, Groves CP, Nash SD, DelPero M, **Pozzi L**. A new genus for the eastern dwarf galagos (Primates: Galagidae). *Zoological Journal of the Linnean Society*. DOI: <https://doi.org/10.1093/zoolinnean/zlw028>

- 2016 **Pozzi L.** 2016). The role of forest expansion and contraction in species diversification among galagos (Primates: Galagidae). *Journal of Biogeography*, 43: 1930-1941.
- 2016 Schneider TC, Kappeler PM, **Pozzi L** (2016). Genetic population structure and relatedness in the narrow-striped mongoose (*Mungotictis decemlineata*), a social Malagasy carnivore with sexual segregation. *Ecology and Evolution*, 6(11): 3734-3749.
- 2015 **Pozzi L**, Nekaris KAI, Perkin A, Bearder SK, Pimley ER, Schulze H, Streicher U, Nadler T, Kitchener A, Zischler H, Zinner D, Roos C. Remarkable ancient divergences amongst neglected Lorisiform primates. *Zoological Journal of Linnean Society*, 175: 661-674.
- 2014 **Pozzi L**, Disotell TR, Masters JC. A multilocus phylogeny reveals deep lineages within African galagids (Primates: Galagidae). *BMC Evolutionary Biology*, 14:72.
- 2014 **Pozzi L**, Hodgson JA, Burrell AS, Sterner KN, Raaum RL, Disotell TR. Primate phylogenetic relationships and divergence dates inferred from complete mitochondrial genomes. *Molecular Phylogenetics and Evolution*, 75: 165-183.
- 2014 **Pozzi L**, Bergey CM, Burrell AS. The use (and misuse) of phylogenetic trees in comparative behavioral analyses. *International Journal of Primatology*, 35: 32-54.
- 2013 Bergey CM, **Pozzi L**, Disotell TR, Burrell AS. A new method for genome-wide marker development and typing holds great promise for primate population genetics. *International Journal of Primatology*, 34(2): 303–314.
- 2011 **Pozzi L**, Hodgson JA, Burrell AS, Disotell TR. The stem Catarrhine *Saadanius* does not inform the timing of the origin of crown Catarrhines. *Journal of Human Evolution*, 61: 209-210.
- 2011 Chiou KL, **Pozzi L**, Lynch-Alfaro JW, Di Fiore A. Pleistocene diversification of living squirrel monkeys (*Saimiri* spp.) inferred from complete mitochondrial genome sequences. *Molecular Phylogenetics and Evolution*, 59: 736–745.
- 2010 **Pozzi L**, Gamba M, Giacomini C. The use of artificial neural networks to classify primate vocalizations: a pilot study on black lemurs. *American Journal of Primatology*, 72: 337–348.
- 2009 Tirelli T, **Pozzi L**, Pessani D. Use of different approaches to model presence/absence of *Salmo marmoratus* in Piedmont (North-Western Italy). *Ecological Informatics*, 4: 234-242.
- 2007 Masters JC, Boniotto M, Crovella S, Roos C, **Pozzi L**, DelPero M. Phylogenetic relationships among the lorisoida as indicated by craniodental morphology and mitochondrial sequence data. *American Journal of Primatology*, 69: 6-15.
- 2006 DelPero M, **Pozzi L**, Masters JC. A composite molecular phylogeny of living lemuroid primates. *Folia Primatologica*, 77(6): 434-445.

Book chapters

- 2013 **Pozzi L**, Gamba M, Giacomini C. Artificial Neural Networks: A New Tool for Studying Lemur Vocal Communication, in: Masters JC, Gamba M, Génin F (Eds.), *Leaping Ahead: Advances in Prosimian Biology*, Springer New York, pp. 305-313.

RESEARCH GRANTS

- 2015 **Conservation International (Primate Action Fund)**. Student training course, Kirindy 2015: Field methods in the study of primate behavior and ecology. (\$2,000)
- 2011 **National Science Foundation 'Doctoral Dissertation Improvement Grant'**. Molecular phylogeny and phylogeography of nocturnal primates (*Galagoides* spp.) in Eastern Africa. (\$18,212)
- 2011 **Idea Wild**. Discovering cryptic biodiversity within dwarf galagos (genus *Galagoides*) in Eastern Africa: implications for conservation. (\$739)
- 2011 **International Primatological Society (IPS) research grant**. Unveiling cryptic biodiversity and mechanisms of speciation of nocturnal primates (*Galagoides* spp.) in Eastern Africa (\$1,500)
- 2010 **The Explorers Club Exploration Fund**. Unveiling cryptic biodiversity and mechanisms of speciation of nocturnal primates in Africa. (\$1,000)
- 2010 **Margaret and Herman Sokol Travel/Research Award for predoctoral students in the sciences**. Unveiling cryptic biodiversity of nocturnal primates in Eastern Africa: implications for conservation. (\$4,000)
- 2010 **Primate Conservation, Inc.** Discovering cryptic biodiversity within dwarf galagos: implications for conservation. (\$2,521)
- 2009 **Margot Marsh Biodiversity Foundation**. Cryptic biodiversity of dwarf galagos in Eastern Africa: implications for conservation. (\$10,000)
- 2009 **American Society of Primatologists Small Research Grant**. Molecular systematics and pattern of speciation in cryptic nocturnal primates (genus *Galagoides*) in Eastern Africa. (\$1,494)
- 2008 **Summer research grant, New York Consortium for Evolutionary Primatology**. Vocal communication in lowland woolly monkey (*Lagothrix poeppigii*). (\$5,000)

FELLOWSHIP & AWARDS

- 2012 **Dean's Dissertation Fellowship 2012-2013**, New York University (\$24,330)

- 2012 **Travel Award, The University of Texas at Austin.** Participation at the Symposium and Workshop on New Methods for Phylogenomics and Metagenomics, Austin (TX), USA, February 16-17.
- 2010 **GSAS Dean's Student Travel Grant, New York University.** Participation at the XXIII Congress of the International Primatological Society (IPS), Kyoto, Japan, September 12-18.
- 2009 **Travel Award, Society for the Study of Evolution.** Participation at the XII Congress of the European Society for Evolutionary Biology (ESEB), Torino, Italy, August 24-29.
- 2007 **Oral Paper Award, Italian Primatological Society.** Best oral communication ("Automated bioacoustic identification of lemur species using Artificial Neural Networks") at the 18th Congress of the Italian Primatological Society (API), Calci, Italy, May 16-18.
- 2007 **MacCracken Graduate Fellowship, New York University.** Ph.D. scholarship in Biological Anthropology (4 yr. graduate stipend)
- 2006 **Research fellowship, University of Torino (€ 13,500)**
- 2006 **Travel Award, Italian Primatological Society.** Participation at the XXI Congress of the International Primatological Society (IPS), Entebbe, Uganda, June 23-30.

CONFERENCE ACTIVITY

Invited talk

- 2015 **Pozzi L.** Searching for cryptic species: an integrative approach to species delimitation in galagids (Primates: Galagidae), 6th European Federation for Primatology Meeting, Rome, Italy, August 25-28.
- 2014 **Pozzi L, Masters JC.** Living side-by-side: a revision of galagid evolutionary history, XXV Congress of the International Primatological Society, Hanoi, Vietnam. August 11-16.
- 2013 **Pozzi L.** Creatures of the dark: past, present and future of research in galagids, International Prosimian Congress 2013, Ranomafana, Madagascar, August 04-09.
- 2010 **Pozzi L, Hodgson JA, Bergey CM, Disotell TR.** Dating the primate tree: new insights on primate origins from complete mitochondrial genomes, XXIII Congress of the International Primatological Society, Kyoto, Japan, September 12-18.

Symposia organized

- 2014 Primatology at the species boundary: new perspectives from genetics, morphology, behavior, and ecology, XXV congress of the International Primatological Society, Hanoi, Vietnam, August 11-16.

- 2007 Acoustic communication in prosimians: old issues, new methods and future perspective, International Congress Prosimians, Ithala Game Reserve, South Africa, July 15–19.

Papers

- 2016 **Pozzi L.** Biogeographical analyses reveal the role of forest contraction and expansion in species diversification of galagos (Primates: Galagidae). XXVI Congress of the International Primatological Society, Chicago, USA, August 21-26.
- 2016 Masters JC, Genin F, Couette S, Groves CP, Nash SD, **Pozzi L.** *Paragalago*: a new genus for the eastern dwarf galagos. XXVI Congress of the International Primatological Society, Chicago, USA, August 21-26.
- 2014 **Pozzi L.** Wandering in the darkness: the challenge of exploring species boundaries within nocturnal primates. XXV Congress of the International Primatological Society, Hanoi, Vietnam, August 11-16.
- 2013 **Pozzi L.** Evolutionary history of nocturnal galagids: New insights using a multilocus approach, 82nd meeting of the American Association of Physical Anthropologists, Knoxville, TN, USA, April 9-13.
- 2012 **Pozzi L,** Bergey CM, Hodgson JA. So many genes but only one tree: a gene-tree/species-tree study within primates, XXIV Congress of the International Primatological Society, Cancun, Mexico, August 12-17.
- 2010 **Pozzi L,** Hodgson JA, Disotell TR. Assessing molecular divergence time estimates and the placement of alternative calibration points in the primate tree, IV Congress of the Italian Society for Evolutionary Biology, Milano, Italy, September 2-4.
- 2007 **Pozzi L,** Gamba M, Giacoma C. Pros and cons of Artificial Neural Networks as a classification tool of lemurs vocalizations, International Congress Prosimians 2007, Ithala Game Reserve, South Africa, July 15-19.
- 2007 **Pozzi L,** Gamba M, Giacoma C. Automated bioacoustic identification of lemur species using Artificial Neural Networks, 18th Congress of the Italian Primatological Society, Calci, Italy, May 16-18.
- 2006 **Pozzi L,** Gamba M, DelPero M, Giacoma C. (2006). *Eulemur* Phylogeny: Evidence from molecular and acoustic data. XXI Congress of the international Primatological Society, Entebbe, Uganda, June 26-30.
- 2006 **Pozzi L,** Gamba M, Giacoma C. Utilizzo delle reti neurali artificiali per la definizione del repertorio vocale nei lemuri del Madagascar. 22nd Congress of Italian Society of Ethology, Erice, Italy, September 18-22.
- 2005 **Pozzi L,** Masters JC, DelPero M. Filogenesi dei lorisiformi alla luce dell'analisi combinata di dati molecolari e morfologici. 66th Congress of the Italian Zoological Society (UZI), Roma, Italy, September 19-22.

Posters

- 2017 **Pozzi L.** & Masters JC. The new genus *Paragalago* suggests convergent dwarfism in the family Galagidae. 86th meeting of the American Association of Physical Anthropologists, New Orleans, LA, USA, April 19–22.
- 2014 **Pozzi L.** A molecular phylogeny provides new insight into the evolutionary history of African galagids. Evolution meetings, Raleigh, NC, USA, July 20-24.
- 2012 **Pozzi L.** Are we getting it right? A comparison of mitochondrial genes to reconstruct primate phylogenies. XXIV Congress of the International Primatological Society, Cancun, Mexico, August 12-17.
- 2010 Chiou KL, Hodgson JA, **Pozzi L**, Di Fiore A. Complete mitochondrial DNA sequences lend insight into the evolutionary history and biogeography of Central American squirrel monkeys. 79th meeting of the American Association of Physical Anthropologists, Albuquerque, NM, USA, April 9–12.
- 2009 Hodgson JA, **Pozzi L**, Sterner KN, Stewart CB, Disotell TR. Molecular divergence dates suggest an origin of crown primates near the K/T boundary. 78th meeting of the American Association of Physical Anthropologists, Chicago, IL, USA, March 31-April 4.
- 2009 **Pozzi L.** Phylogeny and biogeography of mammals in Madagascar: a comparative approach. 12th Congress of the European Society for Evolutionary Biology, Torino, Italy, August 24-29.
- 2006 Gamba M, Medard J, Gomis D, Moisson P, Rakotoarisoa G, **Pozzi L**, Giacoma C. Comportamento vocale e anatomia dell'apparato fonatorio negli apalemuri (genus *Hapalemur*). 22nd Congress of Italian Society of Ethology, Erice, Italy, September 18-22.
- 2006 Gamba M, **Pozzi L**, Giacoma C. Lemurs Uttering And Its Implications For Phylogenetic Reconstruction, 5th International Conference on Voice Physiology and Biomechanics, Tokyo, Japan, July 12-14.
- 2005 **Pozzi L**, Masters JC, DelPero M. Lorisoid phylogeny as revealed by morphological and molecular data, 5th Göttinger Freilandtage "Primate Diversity: Past, Present and Future", Göttingen, Germany, December 13-16.
- 2004 Gamba M, **Pozzi L**, Giacoma C. Long grunts and acoustic cues to identify in the Black Lemur (*Eulemur macaco macaco*), 21st Congress of Italian Society of Ethology, Padova, Italy, September 15-17.
- 2004 **Pozzi L**, Gamba M, Giacoma C. (2004). The role of phonatory mechanisms in modifying acoustic structure in Black Lemur (*Eulemur macacao macaco*). XX Congress of the international Primatological Society, Torino, Italy, August 22-28.

TEACHING EXPERIENCE

INSTRUCTOR

Department of Anthropology, University of Texas at San Antonio, USA

Introduction to Biological Anthropology (Fall 2016; Spring 2017)

Institute for Zoology & Anthropology, University of Göttingen, Germany

Phylogeography and Population Genetics (Spring 2015)

Phylogenetic Comparative Methods (Fall 2014; Fall 2015)

Behavioral Genetics (Spring 2014; Spring 2015)

Kirindy Forest DPZ Research Station, Madagascar

Field methods in the study of primate behavior and ecology (Summer 2013, 2014, 2015)

Department of Anthropology, New York University, USA

Human Evolution - Introduction to Physical Anthropology (Summer 2011)

TEACHING ASSISTANT

Department of Anthropology, New York University, USA

Human Evolution (Fall 2008; Fall 2009; Spring 2011)

Human Origins (Spring 2009; Spring 2012)

University of Mahajanga, Madagascar

Primateology (Fall 2005)

Department of Life Sciences and Systems Biology, University of Torino, Italy

Evolution of Animal Behavior (Fall 2006)

Biochemistry of Metabolism (Spring 2005)

Animal Physiology (Fall 2004)

MENTORING EXPERIENCE

As undergraduate adviser (3 total):

Julia Apoznanski (NYU 2015) - Nidhi Kadakia (NYU 2013) - Kenneth Chiou (NYU 2011)

As Thesis Committee Member (2 total):

Katelynn Frei (MA, Antioch University New England) - Julia Striegler (BS, University of Göttingen)

RESEARCH EXPERIENCE

- 2014-pres. Comparative analyses in Strepsirrhine primates, German Primate Center (DPZ), Germany
- 2013-pres. Sensory ecology and molecular ecology in mouse lemurs (*Microcebus* spp.), German Primate Center (DPZ), Germany
- 2005-pres. Molecular phylogeny and systematics of Galagidae, Department of Anthropology, New York University, USA
- 2009-2014 Mitochondrial phylogeny and divergence dates of primates, Department of Anthropology, New York University, USA
- 2006-2007 Conservation genetics in *Indri indri*, Department of Life Sciences and Systems Biology, University of Torino, Italy
- 2006-2007 Use of the *Rana esculenta* complex as an environmental bioindicator of fresh waters, Department of Life Sciences and Systems Biology, University of Torino, Italy
- 2004-2006 A multidisciplinary approach in studying the phylogeny of Malagasy lemurs, Department of Life Sciences and Systems Biology, University of Torino, Italy
- 2002-2003 Vocal communication in black lemurs (*Eulemur macaco*), Department of Life Sciences and Systems Biology, University of Torino, Italy

FIELD EXPERIENCE

- 2014-2015 Trapping, sample collection, and behavioral experiments in mouse lemurs (*Microcebus*), Kirindy forest, Madagascar
- 2013 Vocal communication in fork-marked lemur (*Phaner pallescens*), Kirindy forest, Madagascar
- 2010-2012 Trapping and sample collection of galagos (*Galagoidea* spp. and *Otolemur* spp.), Kenya and Tanzania
- 2009 Trapping and sample collection of small mammals, New York City, USA
- 2008 Vocal communication in woolly monkeys (*Lagothrix poeppigii*), Tiputini Biodiversity Station, Ecuador
- 2005 Vocal communication and genetic sample collection of *Indri indri*, Andasibe, Madagascar

PROFESSIONAL SERVICE

Editorial board

Folia Primatologica (2016 – pres.)

Peer Review (<https://publons.com/author/373240/luca-pozzi#profile>)

American Journal of Physical Anthropology
BMC Evolutionary Biology
International Journal of Primatology
Italian Journal of Zoology
Journal of Biogeography
Molecular Phylogenetics and Evolution
Zoological Journal of the Linnean Society
BASE (Biotechnologie, Agronomie, Société et Environnement)
Springer: Developments in Primatology
The Leakey Foundation

PROFESSIONAL ASSOCIATIONS

International Primatological Society
Society of Systematic Biologists
American Association of Physical Anthropologists

MEDIA COVERAGE

- Mongabay Newscast - *Almost Famous Animals - plus the songs of galagos* (March 7, 2017) <https://mongabay.libsyn.com/amazing-and-almost-famous-animals-that-deserve-conservation-plus-the-songs-of-galagos#5QWoHYizBc4qsoWM.14>
- The Paisano – UTSA Student Newspaper (March 7, 2017) <http://www.paisano-online.com/news-articles/utsa-anthropology-professor-recognized-national-geographic/>
- Mongabay Series: Great Apes - *African bush babies gain a new genus* by John C. Cannon (20 February 2017) - <https://news.mongabay.com/2017/02/african-bush-babies-gain-a-new-genus/>

REFERENCES

Todd R Disotell, Professor

Department of Anthropology
New York University
25 Waverly Place
New York, NY 10003 (USA)
email: todd.disotell@nyu.edu
phone: (+1) (212) 998-3811

Peter M Kappeler, Professor

Behavioral Ecology and Sociobiology Unit
German Primate Center (DPZ)
Kellnerweg 4
37077 Göttingen (Germany)
email: pkappel@gwdg.de
phone: (+49) (551) 39-7317

Jason A Hodgson, Lecturer

Department of Life Science
Imperial College London - Silwood Park Campus
Ascot, Berkshire - SL5 7PY (UK)
email: j.hodgson@imperial.ac.uk
phone: (+44) (0)20 7594-3650

Judith C Masters, Professor

Department of Zoology and Entomology
Fort Hare University
Private Bag X1314
Alice 5700 (South Africa)
email: jdthmasters@gmail.com
phone: (+27) (0)40 602-2337