



Séminaire International de Paléontologie, Évolution,
Paléoécosystèmes et Paléoprimatologie
Salle 410, bât. B35 (3ème étage, aile nord)

Vendredi 7 juin 2024 – 9h30

Addressing extant primate pelvis variation to understand hominin pelvis evolution



Nicole TORRES TAMAYO

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Nicole is a paleoanthropologist interested in the evolution of pelvic morphology and its adaptation to different selective pressures in extant primates and hominins.

Her PhD research focused on thoraco-pelvic covariation in humans and great apes, developing novel methods to predict missing fossil skeletal elements of the torso. During her first post-doctoral position at the Department of Anthropology of University College London, she investigated whether birth in humans is uniquely difficult among extant primates using a comparative anatomy approach. Now at the Institute of Evolutionary Medicine of the University of Zurich, she is working on the reconstruction of incomplete hominin pelves in the fossil record to better understand the evolutionary significance of the different pelvic features that we see in the human lineage.

Evolutionary and ontogenetic foundations of modern body form: insights from KNM-WT 15000 (*Homo erectus*)



Martin HÄUSLER

Institute of Evolutionary Medicine,
University of Zurich



Martin studied anthropology and medicine at the University of Zürich with a PhD thesis on the evolution of bipedalism in *Australopithecus africanus* and a MD thesis on pathologies of the spine during human evolution.

After a post-doctoral position at the Anthropological Department of the University of California, Davis, he lectured at the Anthropological Institute, University of Zürich, and was senior researcher at the Institute of Forensic Medicine in Zürich. It followed a training in orthopaedics, surgery, general and internal medicine. Since 2013 he has been leading the Evolutionary Morphology and Adaptation Group at the Institute of Evolutionary Medicine, University of Zürich, and lecturing at the Institute of Anatomy, University of Zürich.