

## Two PhD Positions Evolutionary Cognition Group

We are offering two 4-year PhD positions to study marmoset behavior and vocal communication at the Primate Station of the [Evolutionary Cognition Group](#) of the Department of Anthropology, University of Zurich.

The candidates will be hired for the ERC project [ENGINE – Engineering Interdependence: A Window into the Evolution of the Human Mind](#). The overall goal of this project is to map the consequences of interdependence, a key trait of our species. We will therefore compare marmoset monkeys that live in a social environment in which their dependence on fellow group members is either extremely high or very low. We will investigate how this contrast affects synchronization at various levels (physiological with thermography, hormonal, behavioral and communicative), as well as performance in so-called big-C contexts (cooperation, communication, cognition & culture). The project will include behavioral observations and socio-cognitive tests as well as a broad range of noninvasive techniques, such as thermography, automated recording and classification of vocalizations and behavior, endocrinology, and rfid controlled tasks. Candidates with expertise in at least one of these techniques are particularly welcome to apply.

Candidates should have a Msc degree or equivalent and a relevant training background in Biology, Psychology, or Evolutionary Anthropology. They will be part of the [PhD program in Evolutionary Biology](#) of the University of Zurich. The start of the positions is ideally in October 2021, or upon agreement.

Please submit your application in a single pdf to [judith.burkart@aim.uzh.ch](mailto:judith.burkart@aim.uzh.ch), ideally until August 20, 2021. Applications should include a cover letter stating your motivation and how your expertise fits in this project (1 page), a CV, a copy of the highest degree obtained, and the names of two referees.