13 PHD POSITIONS AT THE VIENNA DOCTORAL SCHOOL IN COGNITION, BEHAVIOR AND NEUROSCIENCE – from Biology to Psychology and the Humanities

https://vds-cobene.univie.ac.at
10 PHD POSITIONS IN FWF-FUNDED DOCTORAL PROGRAM COGNITION AND COMMUNICATION

The Doctoral Program in Cognition and Communication offers 7 three year PhD positions at the University of Vienna and 3 three year PhD positions at the University of Veterinary Medicine Vienna in both cases with the potential prolongation of another 12 months. The goal is to train graduate students to conduct interdisciplinary research into cognition and communication from a biological viewpoint, with a focus on how animals including humans solve real-world problems, such as communicating and interacting with conspecifics in daily social life.

The trainees will learn to study animal and human behavior in a variety of cognitive and ethological frameworks in both the laboratory and in the field and could work with a diversity of species including reptiles (crocodilians), birds (e.g., pigeons, corvids, parrots, Darwin's finches), elephants, pigs, canids (wolves and dogs), humans (including brain imaging), and nonhuman primates (marmosets).

Supervision is in the hands of 10 internationally respected scientists, Tecumseh Fitch (speaker), Ludwig Huber (co-speaker), Thomas Bugnyar, Leonida Fusani, Stefanie Höhl, Sonia Kleindorfer, Claus Lamm, Friederike Range, Angela Stoeger, and Sabine Tebbich. For more information see our website https://cogcom.univie.ac.at
3 INDIVIDUALLY FUNDED PHD POSITIONS

The laboratory of Prof. Tecumseh Fitch at the Department of Behavioral and Cognitive Biology, University of Vienna, has funding available for a four-year PhD position in Cognitive Biology. The lab conducts behavioral and bioacoustics experiments with a diverse group of species, including birds and mammals (including humans), and research in both cognition and acoustic communication. For the current position a background in either 1) animal communication, animal bioacoustics and/or speech science, or 2) animal cognition and/or cognitive neuroscience is desirable; a strong quantitative background with programming, signal processing or bioinformatics experience is highly desirable.

The research group of Prof. Thomas Bugnyar at the Department of Behavioral and Cognitive Biology (http://cogbio.univie.ac.at) has funding available for a three-year PhD position within the FWF-project ‘Effects of early-life experience on raven social competence’. The PhD candidate will join a team of postdocs and PhD candidates working on different aspects of raven behavior and cognition, with a particular interest on individual variation. The PhD project will focus on the social behavior and network structure in free-flying ravens that have experienced different upbringing conditions (raised in large or small families, as a result of our annual manipulation of offspring number per breeding pair). The work will feature observational and experimental approaches, using a variety of field techniques (e.g. playback, GPS tracking).

Prof. Kristin Tessmar-Raible at the Max F. Perutz Laboratories/ SFB 78 is looking for a junior researcher interested in pursuing a three-year PhD project at the intersection of chronobiology, neural stem cells and behavioral neuroscience. In this project, we are particularly interested in understanding how differences in alterations of the mammalian inner timing mechanisms, the circadian clock, affects neural stem cell decisions in the developing neocortex- and consequently- neuronal fates, cellular positions, neuronal wiring and behavior. The project will be performed in collaboration with Prof. Simon Hippenmeyer (IST Austria) and focus on circadian clock variants, which can cause naturally occurring extreme chronotypes in humans. For more information, please visit our website https://www.maxperutzlabs.ac.at/research/research-groups/tessmar