



Call for Applications: PhD scholarship in the field of bone structure and function

The Laboratory of Bone Biomechanics (<http://departments.agri.huji.ac.il/shaharlab/>), at the Koret School of Veterinary Medicine, is dedicated to the study of the micro- to nano-structure of bones and its association with their mechanical function. Cutting-edge techniques and equipment are used to study bones of all vertebrates, from man to fish.

We are offering a multi-disciplinary doctoral scholarship for a PhD in the field of bone structure and function (to begin in October 2020 or as soon as possible thereafter). Candidates should have a strong interest in characterization of bone architecture, and gaining insights into how organization of the fundamental elements of bone affects its function and mechanical properties. The scope of the study we are offering ranges from the application of recognized, as well as novel imaging and mechanical testing techniques for the characterization of bone, in-house as well as in facilities abroad when necessary. Time will also be devoted to a study in comparative anatomy and the development of a 3D digital anatomical atlas as part of a unique team, and a keen interest in this interdisciplinary endeavor is required.

The study is fully financed for a maximum of five years: we offer a monthly tax-free stipend of ca. 5,000 NIS which will be raised to ca. 6,000 NIS following the submission and authorization of the doctoral research proposal at the start of the second year.

Please submit your application and your full CV to Josh Milgram (josh.milgram@mail.huji.ac.il) or Orly Lewis (atlomyproject@savion.huji.ac.il). We would appreciate if you would write, "PhD application" in the subject line.

We will begin reviewing applications from May 1st, 2020. Please do not hesitate to contact us with any questions along the way.