

Laboratory for Human Biology

Human biology, Physical Anthropology, Growth, Development, Maturation

Research is dedicated to solving problems related to the study of human biology, with the aim of understanding the interaction processes of genetic and ecological factors which the human organism is exposed to. In the field of somatic growth and development of children and adolescents, the main research directions are quantitative traits, maturation and a secular trend. The studies determine the growth models for each anthropometric characteristic and the specificity of the morphological growth of different body characteristics in relation to age and gender. Physical growth and development change over time and studying the dynamics of these changes in particular population enables the identification of factors that affect growth and development. Child-growth indicators are useful not only for monitoring a population's nutritional status, but are also suitable markers of population health and useful for gauging inequalities in human development among different populations. The results of the research, in addition to theoretical, have practical significance: in medicine, psychology, pedagogy, industrial anthropology and physical education.



SELECTED PROJECTS

Title: "The impact of physical activity on risk factors in the working population".

Type: Scientific Project (Provincial Secretariat for Science and Technological Development)

Duration: 2011-2016

Contact person:
Prof. Milena Mikalački

Title: "The variability of morphofunctional indicators in the population of Belarus and Vojvodina (Serbia)"

Type: bilateral cooperation

Duration: 2013-2016

Contact person: Prof. Verica Božić-Krstić, Prof. Branislava Belić

COLLABORATIONS

- National Academy of Science Belarus, Anthropology, Minsk, Belarus
- „Francisc I. Rainer“ Anthropological Institute of the Romanian Academy, Bucharest, Romania
- University „Pajsije Hilendarski“ Biologija Plovdiv, Bulgaria

SELECTED EQUIPMENT

- Set of Anthropological instruments SieberHegnerMaschinen AG Zürich Switzerland

CONTACT PERSON

Dr Pavlica Tatjana, Associate professor; tatjana.pavlica@dbe.uns.ac.rs; tel. +381641838887