

THE CENTER FOR EXCELLENCE IN THE INTERDISCIPLINARY RESEARCH FOR PHYSICAL EDUCATION AND SPORTS

The center conducts scientific research in the field of Sports Science and Physical Education, in partnership with the "Stiinta" University Sports Club, generating valuable results, providing a good environment for interdisciplinary research. The center also conducts other complementary activities, such as: analyses and expertises, consulting, complex groups to assist sports teams, publishing of books, journals, and scientific articles.

Research areas

The directions of the center's research:

- To optimize the education activities for and through exercise, as prophylaxis and to improve the quality of life;
- To optimize the rehabilitation and development strategies for the bio-motor potential;
- To conduct research regarding the improvement of how physical education and sports are practiced, using computer science;
- To conduct research regarding the systemic approach of physical therapy in the rehabilitation of institutionalized people with multiple disabilities;
- To conduct research regarding the education and social integration of various categories of the population.

Services

Priority fields of research and services:

- To analyze, evaluate and interpret the bio-motor potential in various age or professional categories and various geographical areas;
- To analyze, evaluate and interpret the bio-motor potential in people with special biological situations, with various deficiencies, disabilities or handicaps;
- To analyze, evaluate and interpret the bio-motor potential in professional athletes from various categories of sports classification and various sports;

Projects

- CNFIS FDI 2019-0453 - Support actions for research of excellence, innovation, and technological transfer at the "Vasile Alecsandri" University of Bacău (acronym ACTIS-Bacău)
- Partnership protocol for the National Research Grant no. 22870/20.11.2017 - Healthy diet, doping, top performance, doping behavior and eating behavior: factors of risk and prevention in achieving top performance in school and university sports, FSTMC, the "Constantin Brâncuși" University of Târgu-Jiu, sponsor: The Medical Center for Human Health, LLC, Târgu-Jiu

Manager,

Professor Dobrescu Tatiana, Ph.D.

Contact details

*"Vasile Alecsandri" University of Bacău
Faculty of Movement, Sports and Health Sciences,
Bacău, Mărășești, nr.157, tel. +40234517715,
E-mail: tatiana.dobrescu@ub.ro.*