

Applicant

Dr. Olga Krakovska, Simon Fraser University

E-mail Address

okrakovs@sfu.ca

Project Title

Impact of the lifestyle factors on the health of aging individual

Project Summary

We plan to investigate the impact of the life-style factors on health of elderly Canadians who are participating in the Canadian Longitudinal Study on Aging (CLSA). To do this we will explore the relationships of CLSA health status data, diseases and symptoms of more than 50,000 subjects between 45 and 85 years old with their life activities data including exercise, music practice, etc., and nutrition. We will incorporate machine learning tools to identify important life activities and nutritional aspects that have the major influence on the mental and physical health. Furthermore, we will identify areas with the biggest opportunities for interventions.

Keywords

Life activities, nutrition, health, aging