



Environmental Science Graduate Program Seminar Series



stepa011@umn.edu

Dr. Stepanov earned her BS in Chemistry at Moldova State University and went on to complete her PhD in chemistry at Moldova State University as well. Her research focuses on applying fundamental science concepts to epidemiological and community-based studies in order to inform on human-environment interactions and identify potential tools for addressing critical public health issues.

Irina Stepanov, PhD

Associate Professor
Division of Environmental Health Sciences
University of Minnesota

Smith 3150 | 4 - 5 - 19 | 3:00 pm - 4:00 pm

Tobacco product landscape and the continuum of risk

Over the past decades, the public health community has made significant achievements in reducing the overall prevalence of smoking in the US. However, this progress has not been uniform across various populations, and high prevalence of tobacco use in some subgroups is accompanied by elevated risk of related diseases and other disparities. Furthermore, the diversity of products designed for tobacco and nicotine intake expanded remarkably over the past decade. The current marketplace offers products that appeal to various groups of consumers and range widely in their toxic and carcinogenic potential. Dr. Stepanov will discuss the application of analytical biochemistry tools for characterizing tobacco product diversity, identifying individuals and populations at risk for disease, risk communication, and tobacco product regulation.