

Fund for the Improvement of Postsecondary Education (FIPSE)

FY 2009 U.S.-Russia Program – Project Abstracts

P116S090013

Global Environmental Issues and Advanced Language Learning

U.S. Lead: Indiana University Bloomington, (Indiana) [IU]

Russian Lead: Tyumen State University [TSU]

This partnership will support U.S. students in attaining higher levels of Russian language ability, and Russian students in attaining higher levels of English language ability. The strength of the language training program will be integrated within a joint IU-TSU-TSAA research program focusing on the broad topic of Global Environmental Issues, a field that joins environmental and social sciences in analyzing and moderating human impact on the environment. While introducing innovative practices in foreign language instruction, the program will foster collaboration on environmental research between IU, TSU, and TSAA faculty and students from the fields of environmental science, biology, geography, economics, and political science.

FY 2009: \$123,918

Total FIPSE funding: \$400,000 (3 years)

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P116S090020

Advancing Theory and Knowledge in Public Health Sciences on Global Health Issues

U.S. Lead: University of Massachusetts, (Massachusetts)

Russian Lead: Novgorod State University [NovSU]

This project aims to develop a model of health care systems and effective methods for improving population health, particularly focused on exchanging theories and knowledge about the effects of social interventions, educational programs targeting behavior change, and public policies to protect and promote health. The project will advance research and teaching on global health issues at the two universities through the joint development of new courses, programs of study and collaborative research. Project outcomes include the creation of a new diploma specialization in public health at NovSU and the initiation of a long-term sustainable collaborative summer institute on Epidemiology, Prevention & Public Health to be held at NovSU.

FY 2009: \$103,745

Total FIPSE funding: \$399,810 (3 years)

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P116S090023

Training Leaders for 21st Century Biotechnology:

U.S. Lead: The George Washington University, (DC)

Russian Lead: Lomonosov Moscow State University

The weakness of biotechnology-related education currently provided by the George Washington University (GWU) is an insufficient emphasis placed on solving technical problems and excessive reliance on commercial kits and reagents, which limit student's ability to modify and improve methods of analysis. This aspect of education happens to be the strength of the programs at Lomonosov Moscow State University (MSU). On the other hand MSU students lack knowledge of how to produce the final product of scientific research, a research paper or a grant proposal. The goal of this program is for the students at the two consortium institutions to take courses at the partner institution that are specifically designed to address these weaknesses.

FY 2009: \$100,656

Total FIPSE funding: \$298,728 (3 years)

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