



Biomathematics Keynote Address

Undergraduate Research Symposium on Biomathematics

April 22, 2006, SUNY Geneseo

9:30 AM, South 340

Opening remarks. Dr. Kate Conway-Turner, Provost and Vice President of Academic Affairs, SUNY College at Geneseo

“Agroterrorism in the US: Security Challenge for the 21st Century”

Dr. Alexander Kasiyanov

Exypnos Research Institute, Omaha, NE

Abstract:

Recent events of war and terrorist attacks have produced an increasing awareness of potential agroterrorism in the United States. Agriculture is one of the easiest sectors of the U.S. economy to disrupt, and its disruption could have catastrophic consequences for the economy. A number of different animal pathogens could cause loss of production or the death of livestock. An act of agroterrorism that does not result in the destruction of the food supply industry could have a psychological impact on people. This presentation gives an overview of dangerous diseases and practical mathematical applications for the prediction of disease distribution between humans and animals.

See <http://biomath.geneseo.edu> for further details

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