



# Sharing Discoveries, Improving Lives

Translation & Dissemination at the Saint Louis University School of Public Health

## Our Mission:

The Saint Louis University School of Public Health is dedicated to the discovery, translation, and dissemination of public health knowledge to improve the health and well being of all.



## Master of Science (MS) in Biosecurity

There are few educational opportunities for emergency response and public health practitioners in bioterrorism and infectious disease preparedness. The purpose of the MS in biosecurity is to provide these educational opportunities in a distance learning format so that the largest number of practitioners has an opportunity to receive advanced training in this field. The program director is Dr. Greg Evans.

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### Discovery

#### What is the health problem?

- ❖ Two of the most pressing disaster response problems facing the nation today are bioterrorism and pandemic.
- ❖ There will be little difference in the consequences of a communicable disease occurring naturally or introduced purposefully.

### Translation

#### How do we take what we know and apply it to the public?

- ❖ There is considerable knowledge about preparing for natural disasters.
- ❖ There is much less knowledge about responding to a biological disaster.
- ❖ This MS program will apply disaster preparedness knowledge to bioterrorism and pandemics.
- ❖ The program will also apply historical knowledge about pandemics to preparedness for future pandemics.

### Dissemination

#### How do we plan to disseminate the MS program?

- ❖ The MS program is offered completed by distance so that students from all parts of the world can receive education and a degree that will better prepared them for vocations in disaster preparedness, communicable disease preparedness, and bioterrorism preparedness.
- ❖ Twenty-six students enrolled during the first semester of the program.

### Change

#### What changes may occur because of the dissemination?

- ❖ The program will be extensively evaluated to determine if students are able to apply the material from the classes to real life situations.
- ❖ Students will be followed long-term to record their work history.
- ❖ Students will be periodically surveyed about the applicability of the program material to their vocations.