

# Temple University

## Dual Use Research of Concern and Pathogens with Enhanced Pandemic Potential Program Highlights

### What Is The USG DURC Policy?

The United States Government *Policy for Oversight of Dual Use Research of Concern (DURC) and Pathogens with Enhanced Pandemic Potential* supersedes previous DURC policies. The purpose is to oversee life sciences research that can be reasonably anticipated to provide knowledge, information, products, or technologies that could be directly misapplied to do harm or pose a significant threat with potential consequences to public health and safety, agricultural crops and other plants, animals, the environment, or national security.

### What Types of Research Are Included?

Work with defined agents and toxins that fall under Category 1 DURC or Category 2 PEPP projects. This includes certain Federal Select Agents and Toxins, regardless of quantity, as well as Risk Group 4 and most Risk Group 3 agents from the NIH *Guidelines*, and pathogens which could cause a pandemic.

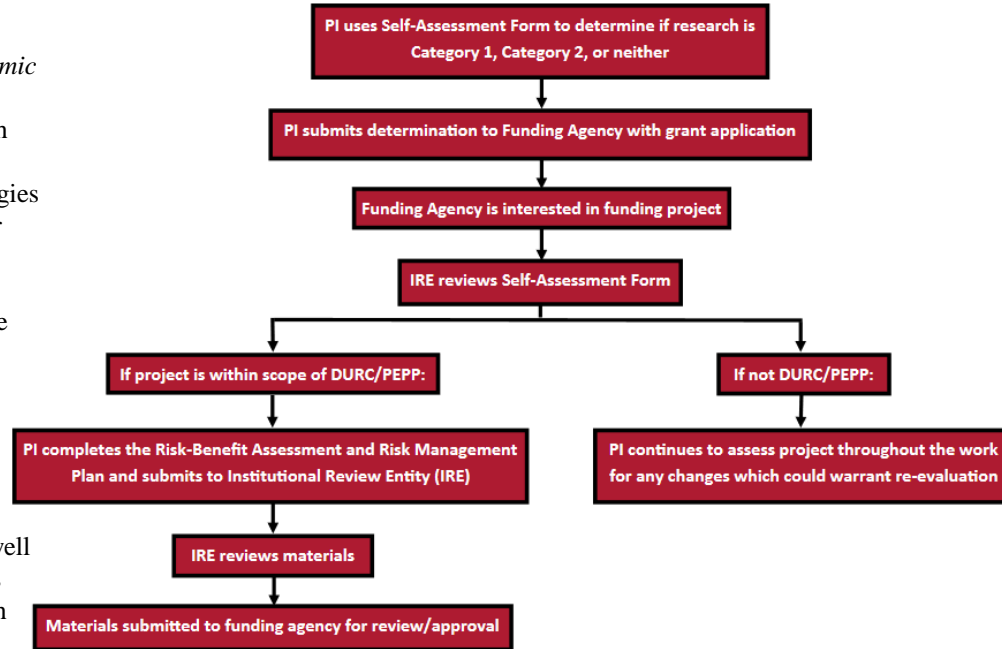
### What Impact Will This Have on My Research?

Any new life sciences grant proposals, regardless of funding source, must be evaluated for DURC/PEPP. All ongoing research will be evaluated during the next annual IBC review of the project.

### When Does It Go Into Effect?

May 6, 2025

### How Does the Program Work?



### Definitions

#### Category 1 Research

Meets three criteria: (1) involves one or more of the biological agents and toxins listed; (2) reasonably anticipated to result in one of the experimental outcomes specified; **and** (3) can be reasonably anticipated to provide knowledge, information, products, or technologies that could be misapplied to pose a significant threat with potential consequences to public health and safety, agricultural crops and other plants, animals, the environment, or national security.

#### Category 2 Research

Meets three criteria: (1) involves, or is reasonably anticipated to result in, a Pathogen with Pandemic Potential (PPP); (2) reasonably anticipated to result in one or more of the experimental outcomes or actions specified; **and** (3) is reasonably anticipated to result in the development, use, or transfer of a PEPP or an eradicated or extinct PPP that may pose a significant threat to public health, the capacity of health systems to function, or national security.

#### Pathogen with Pandemic Potential (PPP)

A pathogen that is likely capable of wide and uncontrollable spread in a human population and would likely cause moderate to severe disease and/or mortality in humans.

#### Pathogen with Enhanced Pandemic Potential (PEPP)

A pathogen with pandemic potential resulting from experiments that enhance a pathogen's transmissibility or virulence, or disrupts the effectiveness of pre-existing immunity, such that it may pose a significant threat to public health, the capacity of health systems to function, or national security. Wild-type pathogens from nature are not PEPPs but may be considered PPPs because of their pandemic potential.

#### Reasonably Anticipated

An assessment of an outcome such that individuals with scientific expertise relevant to the research in question would expect this outcome to occur with a non-trivial likelihood. It does not require high confidence that the outcome will definitely occur and excludes experiments in which experts would anticipate the outcome to be technically possible, but highly unlikely.

For More Information: DURC website or [ire1@temple.edu](mailto:ire1@temple.edu)