

## Definition of Dual Use Research of Concern

“...research that, **based on current understanding, can be reasonably anticipated** to provide knowledge, products, or technologies **that could be directly misapplied** by others to pose a threat to public health and safety, agricultural crops and other plants, animals, the environment or materiel”.



# 15 Agents listed in DURC policy

- Avian influenza virus (highly pathogenic)
- *Bacillus anthracis*
- Botulinum neurotoxin
- *Burkholderia mallei*
- *Burkholderia pseudomallei*
- Ebola virus
- Foot-and-mouth disease virus
- *Francisella tularensis*
- Marburg virus
- Reconstructed 1918 Influenza virus
- Rinderpest virus
- Toxin-producing strains of *Clostridium botulinum*
- Variola major virus
- Variola minor virus
- *Yersinia pestis*

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# MUSC Process for Oversight of DURC

1. PI identifies research that involves one of 15 listed agents
  - Institutional Review Boards (IRB)
  - Institutional Animal Care and Use Committee (IACUC)
  - Institutional Biosafety Committee (IBC)
2. PI submits IBC application\* via [erma.musc.edu](http://erma.musc.edu)
  - \* *IBC = designated Institutional Review Entity*
3. IBC determines DURC potential
4. PI and IBC develop risk mitigation plan

