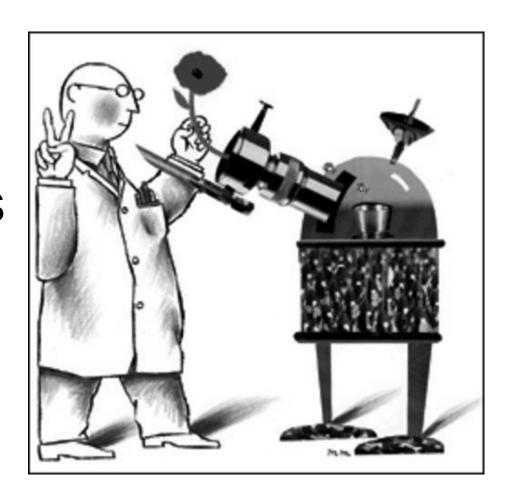
# No Killer Robots



### Types of Weapons Controls

- Weapons Systems
  - Remotely controlled:
    A human is controlling the robot.
  - Humans-in-the-loop:
    A human is..
  - Fully Autonomous:
    The robot works without the need for human interaction or approval.

22-12-04

### Why Autonomous

- Why build autonomous weapons?
  - No humans in danger during war
  - No panic, fatigue, or emotions to cloud judgment
- But...
  - ..
  - Al judgment is based on its algorithms & learning.

. .

- Ex: Facial recognition for black faces;
  Ex: Photo enhancement for dark skin / curly hair
- AI has limited ability to understand context.

22-12-04

#### Problems with Autonomous Weapons

- Training Data
  - Biased
  - Collecting large data collections may violate privacy
- Complex Evaluation
  - Legality of decision to take a life requires it to be
  - Requires understanding of...
  - Requires..

22-12-04 4

## StopKillerRobots.org

- Stop Killer Robots (.org)
  "Killer robots don't just appear we create them."
  - October 2022:
    70 states delivered joint statement on fully autonomous weapons systems at UN General Assembly
    - Includes Canada, UK, US
    - Promoting humans in the loop, and humans remain accountable for use of force.

#### Watch Immoral Code



22-12-04

22 Minutes

https://www.youtube.com/watch?v=xUU8YHa\_Cjg 6