

# Blood borne Pathogens/ Communicable Diseases Training



# Why have this training?

- Protect you
- Protect your family
- Workers Comp issues
- Information about available resources



# Instructor: Ofc. Chris Waite



# The risk posed to public safety:

- People
- Confined areas
- Stress
- Potential exposures



Task that place us at risk...



# Tasks that put us at risk:

- Medical response
  - Fluid contact
  - Airborne exposures



# Tasks that put us at risk:

- Body recovery



# Archeological body recovery





# Tasks that put us at risk:

- Crime Scene



# Tasks that may put us at risk:

- Handling property

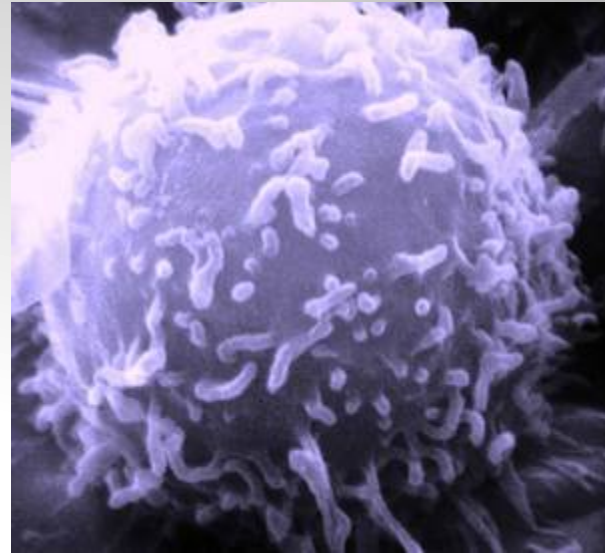


# The Immune System

- Barriers to disease spread
  - Physical
  - Chemical
  - Inflammatory

# Types of Pathogens

- Virus
- Bacteria



# When a germ invades...

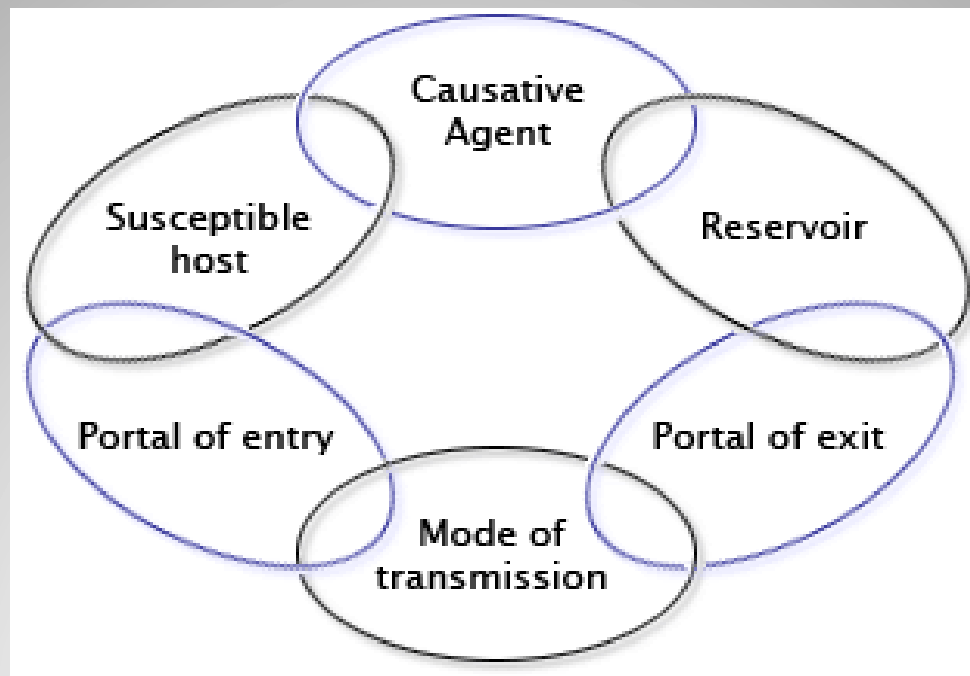
- Macrophage
- Helper T Cell
- Killer T Cell

# Types of Disease Transmission:

- Direct
- Indirect
- Vector Borne
- Airborne
- Enteric



# Chain of Transmission



<https://www.youtube.com/watch?v=CBXoiUnQkEA>

# Exposure Timeline

- Exposure to disease
- Disease testing
- Disease development





# Universal Precautions

- Treat all persons and body fluids as if they were infectious
- Wash hands
- Cover open cuts
- Use safety PPE
- Handle sharps safely



# Gloves and Adjuncts



# Hand washing



# Exposure Protocol

- Definitions
- Procedures to follow
- Post exposure protocol and follow-up
- G.O's and the City Exposure Control Plan
  
- HR reported receiving 236 exposure reports from BPD employees from 2012 to 2014, with only 29 of those exposures resulting in medical follow-up and/or “verified” exposure.

# In Summary

- Wear your gloves! Use Universal Precautions.
- Take advantage of vaccinations and testing.
- Wash your hands.
- Report exposures.
- Get yourself tested.

# Questions...?

*Tucker says....wash your hands  
and change your uniform often*

