

**Student-oriented disaster preparedness lecture series:
“Contagious Disease Outbreaks : Are You Prepared?”**

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Objectives:

- Be able to recognize potential sentinel cases for an outbreak
 - Know how to report a suspected outbreak
 - Know what measures can be taken toward outbreak containment in the ED
 - Know the resources that are available in the event of an outbreak
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Lecture outline:

1. Why recognizing and controlling outbreaks is important
2. Specific symptoms of outbreaks
3. Epidemiological criteria of outbreaks
4. Outbreak containment and guidelines of infection control
5. Reporting outbreaks:
 - a. Departments and their roles
 - b. State and Federal response
6. Helpful resources during an outbreak
7. Clinical cases:
 - a. Ebola virus
 - b. SARS

Helpful Resources:

- CDC Bioterrorism Website: www.bt.cdc.gov
- Johns Hopkins Critical Event Preparedness and Response: www.hopkins-cepar.org
- US Army Medical Research Institute for Infectious Diseases: www.usamriid.army.mil
- PROMED: International Society of Infectious Disease: www.promedmail.org

Books of Interest:

- Joseph B. McCormick and Susan Fisher-Hoch with Leslie Ann Horvitz. Level 4 Virus Hunters of the CDC. Barnes and Noble Books: New York, New York, 1996.
- Laurie Garrett. The Coming Plague. Newly Emerging Diseases in a World Out of Balance. Penguin Books: New York, New York, 1994.
- Laurie Garrett. Betrayal of Trust. The Collapse of Global Public Health. Hyperion: New York, 2000.
- Richard Preston. The Hot Zone. Random House, Inc: New York, 1994.
- Christopher Wills. Yellow Fever. Black Goddess. The Coevolution of People and Plagues.
- Germ Warriors. Stories of Men and Women Fighting the World's Worst Plagues. Ed. Clint Willis.