Research Safety

1-Institutional Research Risk Committees

- All research at the university is reviewed through an approval process
- These committees review risk, exposure and ensure that protocols are in place that allow for employees to work in safe environments that are engineered to mitigate and minimize risk
  - Institutional Biosafety Committee (IBC),
  - Occupational Health Registry,
  - Institutional Animal Care and Use Committee (IACUC),
  - Institutional Review Board (IRB)
  - Western IRB (industry sponsored clinical trials).

2-Basic Risk Assessment with your Mentor and/or Mentor’s Staff

- Best protection is to know your environment
  - Procedures, Personnel, Hazards within the workspace
  - Equipment and protection available
    - PPE, Biosafety cabinets and Fume hoods
  - General location
    - Engineering controls in place, Safety showers and Eye wash stations

3-Sources of information that are valuable and relevant

- Review and understand
  - Infectivity, Toxicity, Routes of exposure and Routes of infection
- Chemical Hygiene Plans
  - Material Safety and Data Sheet (MSDS) and Standard Operating Procedures (SOPs)
- Important Websites:
  - IRB
  - IACUC
  - IBC
  - Office of Environmental Health and Safety - http://www.ehs.ohio-state.edu/
  - Office of Research Compliance - http://orc.osu.edu/