CENTRIFUGE SAFETY

- Each operator must be trained and follow the proper operating procedures
- Keep a log book detailing operation records for centrifuges and rotors
- Do not exceed safe rotor speed established by the manufacturer for each rotor
- Place a biohazard label on the centrifuge if used for infectious materials
- Always use sealed safety buckets or sealed rotors with O-rings
- Check tubes and bottles for cracks and deformities before using
- Examine O-rings and replace if worn, cracked, or missing
- Do not overfill primary containers used for centrifuging; do not exceed ¾ full
- Wipe exterior of tubes or bottles with disinfectant prior to loading into safety buckets or rotor
- Wipe the exterior of safety buckets or rotors with disinfectant before removing from biosafety cabinet
- Stop the centrifuge immediately if an unusual condition such as noise or vibration begins
- Wait 10 minutes after the run has finished before opening the centrifuge to allow aerosols to settle in the event of a breakdown in containment
- Decontaminate safety buckets or rotors and centrifuge interior after each use
- Wash hands after removing gloves

CENTRIFUGE SPILL

If you see there has been a leak outside the safety bucket or rotor when opening the centrifuge:

First:
- Hold breath
- Close centrifuge lid
- Notify others to evacuate the lab

Then:
- Immediately leave the lab
- Post biohazard spill sign

Notify PI or Supervisor:
- DO NOT re-enter lab until EHS and PI have given clearance (at least 30 minutes)
- Follow centrifuge spill clean-up instructions in the Biosafety Manual

Decontaminate:
- Remove PPE
- Place disposable PPE in biohazard waste disposal box (decontaminate reusable PPE or contaminated clothing)
- Wash any exposed areas with antiseptic soap and water
- Wash hands thoroughly

For Centrifuge Explosion:
Evacuate room immediately;
Notify PI and URI Police Dispatch
(401) 874-2121