

**BU Accident/Incident Reporting Summary July 2015 to September 2015 (Quarter 3)**

<b>**CAMPUS</b>	<b>Date of Incident</b>	<b>Incident Type/Agent Involved</b>	<b>BSL</b>	<b>Transmissible Person to Person</b>	<b>Description</b>	<b>*Reportable Incident</b>	<b>Report of Clinical Illness or Injury</b>	<b>Comments/Corrective Actions</b>
<b>BU Medical Campus (BUMC)</b>								
BUMC	7/7/15	E. Coli with Buffer Splash to right Eye	BSL2	No	A researcher sustained a chemical splash to eye when pipetting E. Coli bacterial cells along with 3 buffers including one that was a neutralizing buffer.	Yes	No	Laboratory personnel will be retrained on proper procedures when handling chemicals including proper PPE.
BUMC	7/20/15	Abrasion/ Laceration to left lower Leg	BSL1	No	An animal care technician sustained a laceration from a mouse cage.	No	Yes	Once the cloth cover is removed from the cages containing the clean cages personnel will ensure all of the metal cardholders are laying flat.
BUMC	7/21/15	Mouse bite to right thumb	BSL2	No	A post doc was bitten by a mouse that had not been exposed to infectious agents, chemicals, or toxins, and it was not a transgenic animal.	No	No	Will use forceps to pick up mice to check ID tags going forward on project.
BUMC	7/25/15	Chemical exposure	BSL2	No	A PhD student reported he was exposed to Qiazol with Phenol to his groin and right upper thigh when it accidentally spilled. Two others reported possible exposure with this same incident. 1. A public safety officer reports he walked into the lab for 30-45 seconds, saw a puddle of liquid by the emergency shower. 2. The other was a custodian who arrived to clean the lab.	Yes	Yes	Appropriate PPE is in place. The student will work in a Fume Hood while working with hazardous materials. The Qiazol 50 mL bottle will be placed in a larger beaker.
BUMC	8/5/15	Mouse bite to right distal finger	BSL1	No	A researcher working with a non-experimental training mouse was bit on a finger while trying to restrain a mouse. No biological agents were involved.	No	No	The trainer will stick to using female mice from now on for training purposes.
BUMC	8/12/15	Frog blood splash exposure to mouth	BSL1	No	A researcher sustained a splash exposure to his mouth of a few drops of frog blood. The frog had been injected with human chorionic gonadotropin about 2-3 months prior. There are no hazardous agents involved.	Yes	No	Appropriate PPE will be provided during the euthanizing process. This includes a face shield, gloves and sleeve covers. The decapitation procedure will be evaluated by BUASC.
BUMC	9/1/15	Exposure to Xylene	BSL2	No	A graduate student researcher reported he was exposed to Xylene for about 10 minutes three days prior.	No	No	Reviewed process for accessing SDS.
BUMC	9/23/15	Sharp injury exposure to human cancer cells	BSL2	No	A researcher accidentally stuck himself while wearing one pair of gloves pipetting human cancer cells.	Yes	No	The pasteur pipet will be mounted on the hose only immediately prior to use in aspirations and to never be left attached to hose and will be discarded after each use in nearby sharps container.
BUMC	9/30/15	Sharp injury exposure to trace chemicals	BSL2	No	While using a glove box, the post doc opened a package containing a clean 21 gauge needle and its attached syringe. Upon removing the needle's cap, the needle punctured the rubber glove attached to the glove box, the two additional nitrile gloves covering her right hand, and then punctured the skin on her right ring finger. The procedure taking place in the glove box may have left traces of lithium metal or cobalt-containing catalyst material on the outer glove attached to the glove box.	No	No	Reviewed safe practices for handling of sharps.

<b>Charles River Campus (CRC)</b>								
CRC	7/2/15	Thermal burn	BSL1	No	A research intern sustained a thermal burn to her foot when she accidentally dropped a beaker of hot ethanol.	Yes	Yes	Reviewed proper PPE and reporting procedures. Students work with buddy system. Personnel will follow proper procedure for protocol for size and amounts of material used in exercise.
CRC	7/16/15	Percutaneous exposure to left thumb	BSL2	No	An undergraduate student/volunteer reported a needle stick injury when injecting mice with progesterone from a commercially supplied vial. The mice were otherwise "clean", with no exposure to other biological agents, infectious agents, or toxins, and they were not transgenic mice.	No	No	The need for contentious attention to procedure was reviewed with personnel.
CRC	7/28/15	Rat bite to wrist	BSL2	No	An undergraduate research student reported she was bit by a rat on her right wrist. The bite did not pierce her skin and no biological agents, bacteria, virus or toxin were involved with this incident.	No	No	Reported as near miss, researcher was advised to be mindful of changing gloves after handling rat food, before handling rats.
CRC	8/11/15	Possible chemical exposure	BSL2	No	A researcher was working under a tissue culture hood with Trizol reagent and mixed this chemical with bleach in a hood when this researcher noticed the mixture started to fume.	No	No	Student will not only review SDS on first use, but anytime he/she would use the chemical for a different procedure or experiment.
CRC	8/31/15	Exposure to Silica Gel Dust	N/A	No	A custodian, environmental health safety staff person along with other researchers were accidentally exposed to dust of Silica Gel Plates as glass from a box fell while being lifted for disposal.	No	Yes	EHS Environmental Management will set up drums for collection of silica gel plates, which will be collected by Clean Harbors as non-hazardous waste in future. No silica gel plates in broken glass containers. Other labs using the same silica gels will be given drums also. Students are reminded to pack the broken glass containers securely with duct tape or packing tape.
CRC	9/30/15	Laceration to left ring finger	BSL2		States last evening cut finger with general use (office scissors) while cutting tape, washed area with soap and H2O applied antiseptic.	No	No	None
<b>National Emerging Infectious Disease Laboratory (NEIDL)</b>								
NEIDL	7/13/15	Chemical exposure to lubricant/penetrant		No	A public safety officer reported he was exposed to a cleaning agent used for air handler that was aerosolized into the room he was in.	No	No	Thoroughly incorporate a set aeration time into the procedure.
NEIDL	8/7/15	Sharp injury exposure to Geobacillus Stearothermophilus		No	A veterinary research technician supervisor sustained a puncture wound from a broken vial that contained Geobacillus Stearothermophilus while training an employee in the use of an autoclave.	Yes	No	Hold on to a different part of the BI when removing it from the crusher.

NEIDL	9/14/15	Outer glove rip		No	An animal science supervisor working with his mentor in the BSL2 simulation room found a tear in his outer glove. The two inner gloves were intact. No infectious diseases or agents were involved with this incident.	No	No	This is the first such catastrophic glove breach. Should such breaches occur again, consideration should be given to more frequent glove changes for this type of glove.
<b>Other - Collaborating Laboratory</b>		<b>No incidents</b>						

*\* Indicates if incident is reportable to local, state or federal agency (e.g. Centers for Disease Control, National Institutes of Health, Boston Public Health Commission, etc.)*

**\*\* Campus Location**

**BUMC** - Boston University Medical Center

**CRC** - Charles River Campus

**NEIDL** - National Emerging Infectious Disease Laboratories

**Other** - work done at collaborating laboratories