

**BU Agent Incident Reporting Summary January to March 2018**

<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</b>	<b>Comments/Corrective Actions</b>
<b>BU Medical Campus (BUMC)</b>								
BUMC	1/26/18	Sharps injury to left index finger, potential Herpes B	ABSL2	No	A graduate student sustained a percutaneous wound on his left index finger through two pairs of gloves with a scalpel that was used on macaque tissue perfused with 4% paraformaldehyde.	Yes	No	To prevent a similar incident in the future, the student has been educated on the importance of focusing on one task at a time. Going forward, the student will cut the fascia with the scalpel and then store the instrument out of the way while he proceeds to use his hands to pull apart the musculature.
BUMC	2/15/18	Possible exposure to mouse prion protein urine	ABSL2	No	A Veterinary Technician discovered a small amount of mouse urine in the bottom grate of a ABSL2 room biosafety cabinet that may have contained mouse prion protein.	No	No	Going forward, the ASC staff will express the mouse urine into the cage bedding or an absorbent chuck and then completely saturate the material with LpH, allowing for a contact time of 5 minutes, as identified in the USDA permit. The bedding or chuck will then be properly disposed of via bio-hazardous waste to be incinerated. The vet techs were informed via email of what to do for bladder expression on 2/16/18. Technique and the updated measures from EHS were also covered in the vet tech meeting held on 2/21/18. The ASC Vet Techs also completed the CDC's online training titled "Fundamentals of Working Safely in a Biological Safety Cabinet". After doing research and conferring with Dr. Harris the decision was made that the Biosafety Cabinet will be decontaminated by B&V Testing Inc. with Vaporized Hydrogen Peroxide prior to reuse, which was completed on 3/19/2018.
BUMC	2/27/18	Clean mouse bite to left index finger	ABSL2	No	An animal care technician was bit by a clean mouse while wearing two pairs of gloves.	Yes	No	Exercise caution when conducting health checks and handling mice.
BUMC	3/15/18	Mouse bite to left small finger	ABSL2	No	An assistant professor while wearing one pair of gloves sustained a bite from a transgenic mouse on her left 5th finger as she was transferring the animal.	Yes	No	The researcher is advised to use a cage or an inert support to support mice from bottom. Also, the distance between the mice and the anesthetic gas chamber should be reduced as much as possible.
BUMC	3/20/18	Sharp injury to left 3rd finger with potential for Herpes B exposure	ABSL2	No	A research assistant accidentally stuck herself with a curved suture needle during a surgical procedure on a non-human primate while wearing one pair of gloves.	Yes	No	The Research Assistant has been instructed to never pick-up a suture needle or similar sharp with his/her hands and to utilize forceps or tweezers when handling contaminated sutures which is standard protocol for this procedure. Also, this procedure requires double gloves.
<b>Charles River Campus (CRC)</b>								
CRC	1/6/18	BBP sharp to left index finger	BSL2	No	A teaching assistant while wearing one pair of protective gloves accidentally cut his left index finger with a scalpel while preparing a corpse.	Yes	No	Remove excess formalin from corpse prior to putting pressure with hands and keep hands away from intended area of dissection.
CRC	1/11/18	Splash droplets from a container with E. Faecium	BSL2	No	A graduate student reported that he may have been exposed to droplets which landed on his gloved hand from glassware containing E. Faecium with bleach left behind in a sink. There was no break in the gloves or open wounds.	No	No	Sinks will be marked for BSL 1 waste only and all other sinks will be designated for BSL 1 and 2 waste to limit confusion. The PI reminded staff of BSL 2 protocols. The PI has discussed the incident at a lab meeting with students, including implemented corrective actions.
CRC	2/1/18	Scratch to right hand from broken pipette	N/A	No	An undergraduate student participating in an organic chemistry lab cut to her left index finger as she tried to put a bulb on a clean pipette when the pipette snapped. No biologics or chemicals were involved.	No	No	The student was instructed to use more caution when handling glassware.
CRC	2/5/18	R index finger laceration	N/A	No	An undergraduate student accidentally cut her right index finger while cleaning a Hickman glass with one pair of gloves. There was low risk to residue from chemicals in the glassware.	No	No	The Student will be more cautious when washing glassware.

CRC	2/12/18	Sharp needle scrape to left 5th finger	N/A	No	A Chemistry Teaching Lab Supervisor reported she accidentally scraped her left pinky finger with a "reusable 8" metal needle" The needle did not contain any biologics, was last used around October 2017 to dispense ether and had been baked after use.	Yes	No	This person was instructed to use caution when handling sharps and store the needles in a less crowded beaker.
CRC	2/14/18	Sharp injury to left thumb	N/A	No	An undergraduate student accidentally sustained a sharp injury while wearing one pair of gloves when he removed a needle to dispose from a syringe which contained Dichloromethane but no biologics.	No	No	The student was informed to use caution when opening needles from their packaging.
CRC	2/20/18	Chemical exposure to upper lip	N/A	No	An undergraduate student sustained an exposure to a drop of a benzoin and benzil reaction mixture (about 1 microliter) to her upper lip when she got a drop of the reaction mixture on her glove and then brushed the edge of her upper lip.	No	No	The student will not touch their face with gloves on.
CRC	2/21/18	Potential exposure to chemical	N/A	No	A graduate student reported he accidentally dropped a glass bottle that contained euthasol.	No	No	EH&S cleaned-up this spill. No corrective actions were necessary.
CRC	2/21/18	Laceration to bilateral hands	N/A	No	An undergraduate student sustained lacerations to bilateral hands when some glassware fell and broke during an undergraduate organic chemistry lab. The glassware had been exposed to water and ice and did not contain any chemicals or biological materials.	No	No	The student was instructed to use more caution when handling glassware.
CRC	2/26/18	Laceration to left pinky finger	N/A	No	An undergraduate student while wearing one pair of gloves accidentally cut her left 5th finger as she tried to attach a rubber stopper to a 10 " clean glass pipette". No chemicals or biologics were involved with this incident.	No	No	The student was instructed to not apply too much pressure when manipulating glass pipets
CRC	2/28/18	Laceration to left index finger	N/A	No	A PhD student accidentally cut her left index finger on a glass ampule that contained 16% paraformaldehyde while wearing one pair of gloves.	No	No	The student reported that she is looking at using other methods to open existing vials and will look into other vendors of 16% paraformaldehyde in different containers for future use. Double gloves were also discussed and the student said she will try that option as well, but is concerned that that might not offer any additional protection, and may interfere with dexterity.
CRC	3/12/18	Report of weird taste in mouth	N/A	No	An undergraduate student reported while wearing gloves, goggles and a lab coat noticed a weird chemical taste in her mouth as she tried to clean up powder left over on a balance from a previous student by brushing the powder.	No	No	Do not brush powder, use wet paper towel to clean the balance. Place the balance under canopy hood for adequate ventilation. Fume hood is not a good solution as the hood was occupied with other chemicals.
CRC	3/15/18	Splash to left eye	N/A	No	An undergraduate student in an organic chemistry lab reported that a drop of dichloromethane splashed into her left eye.	No	No	The dispenser bottle/squirt bottle was overfilled with dichloromethane which is volatile. Dichloromethane could easily evaporate and purge out from the bottle. Do not overfill the dispenser bottle/squirt bottle.
CRC	3/19/18	Burn to right thumb	N/A	No	An undergraduate student in organic chemistry burned her right thumb when she touched an aluminum block on a hot plate with her gloved hand.	No	No	The hot plate was turned off but the aluminum hot block was still warm. Wait for longer time before removing the item from hot plate.
CRC	3/23/18	Chemical exposure to right arm	N/A	No	An undergraduate student sustained 1-2ml chemical exposure to her right arm between her protective glove and lab coat.	No	No	Put the waste container further into fume hood so that the thermometer is not at risk of being hit by the hood's sash.
CRC	3/26/18	Right index finger burn	N/A	No	An undergraduate student in chemistry burned her right index finger when she touched a hot plate.	No	No	The student did not check the thermometer temperature correctly. Check the temperature carefully before touching the hot plate.
<b>National Emerging Infectious Disease Laboratory (NEIDL)</b>								
NEIDL	1/11/18	Right shoulder injury	N/A	No	An employee was exiting an elevator with a rolling cart when the elevator door closed suddenly hitting her right shoulder.	No	No	Facilities put elevator out of service until it was repaired by the elevator contractor.
NEIDL	2/9/18	Lower back pain	N/A	No	A control technician reported lower back pain after he crawled under a steam piping to access a hatch.	Yes	Yes	The worker is not to lift anything more than 25 lbs, or crawl until they have fully recovered and been re-evaluated by the doctor.

NEIDL	2/15/18	Chemical splash on face	BSL2	No	A graduate student while wearing a gown, gloves, and goggles sustained a drop of acrylamide gel on her nose when she popped a comb on a container.	No	No	Wear PPE for the entire research procedure. Utilize ROHP wallet card instead of "red card".
NEIDL	2/20/18	Left toe fracture	ABSL2	No	A veterinary research technician slipped on a wet floor that was just mopped, hurting her left elbow and hitting her left great toe against a door.	Yes	No	Cages plan to be washed away from the door to avoid creating a slipping hazard. Path of egress can be dried to avoid slips, trips, and falls.
NEIDL	3/20/18	Laceration to right middle finger	N/A	No	A facilities employee working with a drill sustained a right middle finger laceration.	Yes	No	Utilizing a wing nut or nut instead of a u-clip with the bolt, which would not spin with the drill. Utilize a spin tight hand tool instead of the drill, which would decrease the amount of torque.
NEIDL	3/29/18	Injury to left ring finger nail	N/A	No	A general mechanic sustained a complete avulsion of his left ring finger nail when a wrench he was holding slipped and struck his finger.	No	No	Observe entire working area before beginning work. Wear mechanics gloves to reduce the chance of injury from sharp rugged surfaces.
<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