

BU Agent Incident Reporting Summary January to March 2017

**CAMPUS	Date of Incident	Incident Type/Agent Involved	BSL	Transmissible Person to Person	Description	*Reportable Incident	Report of Clinical Illness	Comments/Corrective Actions
BU Medical Campus (BUMC)								
BUMC	1/4/17	Sharp injury involving NHP blood	ABSL2	No	A veterinarian sustained a sharp injury when he accidentally was stuck by a needle that had been used on a non-human primate. The non-human primate had no known biological hazards other than possible Herpes B.	Yes	No	Dispose of vacutainer hub and needle after single use to eliminate the need for needle removal.
BUMC	2/1/17	Clean needlestick to left 5th finger	ABSL2	No	A visiting scholar reported she accidentally stuck herself with clean needle while attempting to twist off the needle from a syringe to use in changing a feeding tube. No virus, bacteria or chemical were involved with this incident.	No	No	Implement and follow procedures and proper training
BUMC	3/2/17	Electrical injury	N/A	No	An employee was evaluated today at ROHP after she sustained an electrical injury at 2:00 pm. Elizabeth reports that the injury occurred when she was in the L building in room L213 at 2:00 pm today. An extension on a podium got caught on a descending partition wall and began to tip over, dislodging an electrical cord. After righting the podium, she grasped the (plug end) of the electrical cord with both hands, and reaching awkwardly into a tight space while attempting to reinsert the plug into the live outlet, she somehow touched the electrical prongs with two fingers of her left and right hands. She felt a shock and "could feel the electricity undulating back and forth" before immediately letting go. The attending MD at the BUMC Emergency Department was consulted and was sent to the ED for additional evaluation and monitoring. An accident report and analysis has not yet been completed.	Yes	No	No EHS report
BUMC	3/7/17	Lower back pain after moving rat cage	ABSL2	No	An animal care technician reported to ROHP on 4/3/17 for the first time that he hurt his lower back on 3/3/17 after moving a rat cage.	No	Yes	The Animal Care Technician will be trained by BUASC management on the following: 1) Incident and accident reporting requirements 2) How to conduct his job tasks safely
BUMC	3/10/17	Sharp injury involving zebra fish genetic material	BSL2	No	A post-doctoral associate reported a needle stick from a previously used micro-capillary needle that had been left in the needle-holder. It was determined that the needle had been used to inject a gene (DNA) encoding a green fluorescent protein which is a neuron promotor for zebrafish. The substance was being used as a control, was non-infectious and non-pathogenic to both zebrafish and humans. The needle was used to inject into naïve zebra fish eggs or zebra fish embryos.	Yes	No	Since the incident-labeling of the equipment and guidance documents have been posted in the room as a reminder to all end users. In addition the person listed to use the equipment before the Post Doc-have been retrained
BUMC	3/16/17	Sharp injury involving NHP	ABSL2	No	A PhD student sustained a percutaneous exposure to her finger when her gloved finger got caught on the tooth while intubating a macaque. She was treated in ROHP for potential exposure to Herpes B.	Yes	Yes	Utilize a veterinary mouth gag to prevent reflexive mouth movement when deemed necessary by the PI. Consider filing down the canines of identified NHP's who's canines exhibit an elevated sharps hazard
BUMC	3/27/17	Toe contusion while pulling a palate	ABSL2	No	An animal care technician reported he hurt his right 2nd toe when a palate containing 35-40 boxes of animal food accidentally rolled over his toe.	No	Yes	The BUASC supervisor will train the affected staff member on the proper and safe use of the pallet-jack.

Charles River Campus (CRC)								
CRC	1/9/17	Rat bite to right 5th finger	ABSL1	No	An animal care technician reported she was bit by a rat as she was moving the rat from one cage to another holding the rat by its tail. The rat was non-transgenic and naïve.	Yes	No	Standard procedure for handling rats is to keep hands clear from the front of the rat and utilize a tail grab method to transfer the rat. A deviation from this procedure occurred which resulted in the bite. The Animal Care Technician was re-trained on the proper procedure for handling rats.
CRC	1/13/17	Right elbow injury	ABSL2	No	An animal care staff felt a sharp pain in his right elbow when he tried to make an adjustment while going through an elevator door while transporting a pallet of crates.	Yes	Yes	Review trends associated with staff injuries.
CRC	1/14/17	Chemical powder exposure to feet	N/A	No	A graduate student researcher reported Methylene Blue Chloride Powder exposure to her feet when a bottle of this chemical tipped with powder landing on both of her feet.	No	No	Exercise additional caution when weighing chemicals.
CRC	2/1/17	Left hand laceration	N/A	No	A student sustained a laceration when she tried to move parafilm that was wrapped around a thermometer by pushing on it rather than unwrapping it.	No	Yes	The lab supervisor will look into purchasing movable rubber thermometer rings to replace the parafilm used to keep thermometers from falling into the glassware.
CRC	2/21/17	Laceration to left 4th finger	N/A	No	An undergraduate student researcher cut his left 4th finger on a glass "NMR" tube when trying to put a tube containing a nontoxic molecule dissolved in dimethyl sulfoxide (DMSO) chemical into a spinner apparatus through a small hole when the tube broke in his hand. The researcher decontaminated right away, was further evaluated at student health services, treated at an urgent care clinic with 3 stitches.	No	Yes	Avoid apply excess pressure to NMR tube. Insert the glass tube carefully, not forcing it into the spinner.
CRC	2/21/17	Stingray sting	N/A	No	While doing field studies, a researcher sustained a sting (a puncture wound with venom exposure) from an Atlantic stingray ( <i>Dasyatis sabina</i> ) on his finger, while doing fish sampling on a boat.	No	No	No EHS report
CRC	3/2/17	Sharp (non-biologic) injury to thumb	N/A	No	An undergraduate researcher sustained a needle stick when she accidentally poked her finger as she tried to uncap a needle from a syringe containing dimethyl carbonate. There was no potential for human or animal pathogen involvement.	No	No	The student was advised to never re-cap syringes and has agreed to not re-cap syringes in the future.
CRC	3/28/17	Sharp (non-biologic) injury with Benzaldehyde to thumb	N/A	No	ROHP received a phone call and email today (4/3/17) that an undergraduate student in chemistry sustained a needle stick to a thumb from a needle that was used to add benzaldehyde to a reaction Tuesday March 28th at 7pm. The student washed the site with soap and water, denied any report of burning, sting or itchiness and refused further medical treatment. The student did notify his supervisor the same day and EHS was notified 3/29/17.	No	No	Sharps containers should be placed closer to student work areas.

<b>National Emerging Infectious Disease Laboratory (NEIDL)</b>								
NEIDL	1/30/17	Chemical splash to eye	(Roof) N/A BSL	No	A mechanic reported that he felt a couple of drops in his right eye when he picked up a rag that was soaked with "Brake Clean" agent.	No	No	Safety glasses/goggles may help prevent splashes of the fluid/hazards from hitting the eye.
<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