

**BU Agent Incident Reporting Summary April to June 2024**

**CAMPUS	Date of Incident	Incident Type/Agent Involved	BSL	Transmissible Person to Person	Description	Type of Incident	Reportable Incident	Report of Clinical Illness	Agency Reported To	Comments/Corrective Actions	Employee/Student
<b>BU Medical Campus (BUMC)</b>											
BUMC	4/3/24	Report of air exposure to methanol			Report of air exposure to methanol	Possible inhalation exposure	No		N/A	Root Cause: Procedure Not Followed. Steps to Prevent Reoccurrence: EHS retrained student to use fume hood as engineering control when working	Undergraduate Student
BUMC	5/23/24	Cut to right tip of middle finger	BSL-2		Cut to right tip of middle finger with clean razor blade	Sharps	No		N/A	Root Cause: Procedure Not Followed. Steps to Prevent Reoccurrence: EHS advised student complete sharps safety training.	Undergraduate Student
BUMC	5/29/24	Right 5th finger contusion with cut	BSL-2		Right 5th finger contusion with cut - caught between NHP cages	Musculoskeletal	No		N/A	Root Cause: Human Error. Steps to Prevent Reoccurrence: EHS reminded employee to use caution and pay attention to hand placement when	Temporary Employee
BUMC	5/29/24	Grazed right finger with needle, no biologics	BSL-2		Grazed right finger with needle, no biologics	Sharps	No		N/A	Root Cause: Procedure Not Followed. Steps to Prevent Reoccurrence: EHS advised student complete sharps safety training.	PhD Student
BUMC	6/17/24	Unknown needle stick to right thumb	BSL-1		Unknown needle stick to right thumb - in animal BSL1 mouse room	Sharps	No		N/A	Root cause: Inadequate training, hazardous physical environment. Steps to prevent reoccurrence: Proper disposal of full sharps	Research Fellow - ? Employee
<b>Charles River Campus (CRC)</b>											
CRC	4/1/24	Burned fingertips of right hand on metal thermometer	N/A		Burned fingertips of right hand on metal thermometer	Intact skin exposure	No		N/A	Root Cause: Procedure Not Followed. Steps to Prevent Reoccurrence: Student was advised to	Undergraduate Student
CRC	4/3/24	Right hand burn after touching hot plate	N/A		Right hand burn after touching hot plate	Intact skin exposure	No		N/A	Root Cause: Human Error. Steps to Prevent Reoccurrence: Allow equipment to cool prior to	Undergraduate Student
CRC	4/4/24	Cut to left 5th digit volar aspect at its base	N/A		Cut to left 5th digit volar aspect at its base	Sharps	No		N/A	Root cause: process design. Steps to prevent recurrence: secure tissue to hard surface prior to	Undergraduate Student
CRC	4/5/24	Two students burned their thumbs on hotplates	N/A		Two students burned their thumbs on hotplates	Intact skin exposure	No		N/A	Root Cause: Organization Culture. Steps to Prevent Reoccurrence: TA changed protocol and students	Undergraduate Student
CRC	4/9/24	? Hand burn from hotplate	N/A		? Hand burn from hotplate	Intact skin exposure	No		N/A	Root Cause: Human Error. Steps to Prevent Reoccurrence: Student turned hot plate up too hot and did not test prior to touching.	Undergraduate Student
CRC	4/9/24	Right middle finger wound - broken pipette	N/A		Right middle finger wound - broken pipette	Sharps	No		N/A	Root Cause: Improper Training. Steps to Prevent Reoccurrence: EHS retrained student on proper	Undergraduate Student
CRC	4/11/24	Left hand burning and itching through glove from residue in beaker	N/A		Left hand burning and itching through glove from residue in beaker	Intact skin exposure	No		N/A	Root Cause: Labeling Error. Steps to Prevent Reoccurrence: EHS reminded student of good glove hygiene to label distal surfaces and wash it	Undergraduate Student
CRC	4/16/24	Exposed to a few drops of dimethyl sulfate and reagents on right wrist	N/A		Exposed to a few drops of dimethyl sulfate and reagents on right wrist	Intact skin exposure	No		N/A	Root Cause: Procedure Not Followed. Steps to Prevent Reoccurrence: Follow standard procedure	Undergraduate Student
CRC	4/17/24	Mouse bite to left thumb while restraining - no biological hazards	ABSL-2		Mouse bite to left thumb while restraining - no biological hazards	Animal Bite	No		N/A	Root Cause: Lack of Experience. Steps to Prevent Reoccurrence: EHS advised student use available restraint to aid with injections	PhD Student
CRC	4/23/24	Reaction to smelling banana oil	N/A		Reaction to smelling banana oil	Possible inhalation exposure			N/A	root cause: human error. Steps to prevent reoccurrence: do not attend classes with known allergy triggers. Carry antihistamine on person	Undergraduate Student
CRC	4/26/24	Splash of reagent on left cheek and goggles.	N/A		Splash of reagent on left cheek and goggles.	Intact skin exposure	No		N/A	Root Cause: Human Error. Steps to Prevent Reoccurrence: EHS reviewed with student chemical drying process and recommended to turn on	Undergraduate Student
CRC	5/2/24	Pricked right 5th finger	BSL-2		Pricked right 5th finger with pipette - no infectious agent	Sharps	No		N/A	Root cause: Human error. Steps to prevent reoccurrence: Will take sharps training for proper sharps disposal	PhD Student
CRC	5/10/24	Chemical odor in corridor outside in Science Center	BSL-1		Chemical odor in corridor outside room 375 Chemical Science Center Whitty Lab	Possible inhalation exposure	No		N/A	Root Cause: Hazardous physical environment, equipment malfunction. Steps to prevent recurrence: Ensure flammable cabinet closure and tightly cap all	PhD Student
CRC	5/13/24	Cut to left middle finger on biosafety cabinet on glass	BSL-2		Cut to left middle finger on biosafety cabinet on glass	Sharps	No		N/A	Root cause: hazardous physical environment Steps to prevent reoccurrence: Use caution and wipe BSC grate with thick set of paper towels	PhD Student
CRC	5/30/24	Right wrist exposure to ethyl acetate and hexane	N/A		Right wrist exposure to ethyl acetate and hexane	Intact skin exposure	No		N/A	root cause: process design, ergonomics/positioning. Steps to prevent reoccurrence: Teaching staff will assist students with transfer of solvent waste in fume hood SAA and to	Undergraduate Student
CRC	6/5/24	Superficial puncture of right thumb pad	BSL-1		Superficial puncture of right thumb pad with sharp end of lixit	Other	No		N/A	Root Cause: Human Error. Steps to Prevent Reoccurrence: EHS reminded employee to use caution and situational awareness when inside an animal ABSL1 room.	Summer Intern
CRC	6/12/24	Cut to left palm with a piece of clean glass	BSL-2		Cut to left palm with a piece of clean glass	Sharps	No		N/A	Root cause: Hazardous Physical Environment, human error. Steps to prevent reoccurrence: Large clean glassware will be stored away from active work areas	PhD Student

CRC	6/13/24	Left thumb cut	N/A		L thumb cut on clean glass shard from box of test tubes	Sharps	No		N/A	Root cause: human error/equipment malfunction. Steps to prevent recurrence: Look before reaching for glassware and better quality control on stored glass test tubes	Undergraduate Student
CRC	6/18/24	Splash of chemica drops to left eye, face	N/A		Splash of digoxigenin drops to left eye, face	Non-intact skin exposure	No		N/A	Root cause: Protocol design and improper equipment use. Steps to prevent recurrence: Wear goggles and use fume hood for experiment	Undergraduate Student (Research Experience for Undergraduates programs)
<b>National Emerging Infectious Disease Laboratory (NEIDL)</b>											
NEIDL	5/20/24	Report of right wrist wound	BSL-3		Report of right wrist wound and recent outer glove tear	Other	Yes		BPHC	Employee has been reminded of the cut resistant gloves available and importance of its use when performing pre decontamination procedures.	Employee
NEIDL (Insectary)	6/13/24	Left thumb transgenic mouse bite - no hazardous biologics	BSL-2		Left thumb transgenic mouse bite - no hazardous biologics	Animal Bite	Yes		BPHC	EHS has provided literature on appropriate rodent handling and restraint techniques	Employee
NEIDL (Clean shower)	6/20/24	Laceration to right great toe	BSL-4		Laceration to right great toe - slipped in shower		No		N/A	Anti-slip shower mats placed on all showers	Employee
<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