

CAMPUS EMERGENCY RESPONSE PLAN (ERP)



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IN THE EVENT OF AN EMERGENCY CALL:
UM-Flint Public Safety 911 from any campus telephone
or
(810) 762-3335

This document is downloadable from EHS Web site <http://www.umflint.edu/ehs/Emer-Prep-Resp.htm>

THE UNIVERSITY OF MICHIGAN-FLINT
Campus Emergency Response Plan (ERP)

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Providing a safe environment for employees to work and students to learn is a primary concern of the University of Michigan-Flint (UM-Flint) administration and campus community. All of us, regardless of our job description or title, want a safe and healthy environment. Critical to this goal is being knowledgeable about what to do in the event of an emergency. Planning and being prepared is our shared responsibility.

PURPOSE

This Emergency Response Plan (ERP) is designed to establish a framework for the UM-Flint to respond effectively and safely to an emergency. This includes assessing an emergency situation, coordinating a response effort and, most importantly, ensuring that individuals are informed, safely evacuated or sheltered and accounted for with reasonable assurance.

This plan incorporates the many regulatory requirements concerning the development and implementation of a campus emergency plan into one meaningful and usable document. This plan shall act as the UM-Flint contingency plan, required by the U.S. Environmental Protection Agency, and an evacuation plan, required by the U.S. Occupational Safety and Health Administration (OSHA) and the Michigan Occupational Safety and Health Administration (MIOSHA), as well as a general safety plan, required by the U.S. Department of Transportation (DOT). This plan incorporates the necessary planning elements into a single document. Additionally, this plan is intended to be compliant with the National Incident Management System (NIMS).

SCOPE

This action plan applies to all occupants of facilities and grounds owned, operated and/or leased by the UM-Flint.

SITE DESCRIPTION

The University of Michigan-Flint is located at 303 East Kearsley Street Flint, Michigan. This institution is involved in higher education. It is in operation seven days a week. On a typical day 4,000 - 7,000 people may be on the campus to work, attend class or other events. The main campus is situated adjacent to both the Flint River and I-475, a major north-south expressway. The property on the north side of the Flint River across from the main campus is the location of the William S. White (WSW) Building. The property is bordered by East Fifth Ave., James P. Cole Blvd., East Second Ave. North Harrison Street, and North Saginaw Street (see the attached campus map). Additionally, UM-Flint also owns the Northbank Center located at 532 North Saginaw Street. I-69 is a major east-west expressway about 1/2 mile south of Flint campus.

The campus is susceptible to floods, hazardous material incidents, transportation incidents, medical emergencies, fires, bomb threats, tornadoes and severe weather emergencies, IT related disruptions, and acts of violence or terrorism. If a disaster were to occur on site, the primary concern would be to prevent injury to persons. Additional

concerns include preventing damage to facilities, equipment, the environment, the surrounding community, supplies and critical systems.

The attached site map identifies the specific location of the UM-Flint buildings and their relative locations. It also identifies the locations of natural features, river, structures, roads, storm drains, parking areas and major population concentrations.

TYPES OF EMERGENCIES

The ERP covers the following types of emergencies:

1. Building or campus evacuation
2. Fire or Explosion
3. Medical crisis and first aid
4. Power outage or other utility related emergency
5. Tornado or other severe weather (sheltering in place)
6. Hazardous material or waste spill emergency
7. Bomb related emergencies
8. Earthquakes
9. Violent or criminal behavior
10. Secure in Place/Active Shooter
11. Infectious hazards and communicable disease outbreak

EMERGENCIES NOT COVERED IN THIS DOCUMENT

If you become aware of an emergency that is NOT specifically covered in this document, contact Public Safety for assistance at 762-3335 or 911 from any campus telephone.

REPORTING AN EMERGENCY

All emergencies must be reported immediately to UM-Flint Public Safety and your supervisor, if available.

1. **Call Public Safety at 762-3335 or 911 from any campus phone.** If you are calling from your cell phone or a pay phone on campus, 911 will connect you with the City of Flint Police, Fire and emergency response departments. Ask them to notify the UM-Flint Public Safety.
2. Provide the following information to the Public Safety dispatcher:
 - Your name and telephone number
 - Exact location of the incident (building and room number, if applicable)
 - Description of what is happening
 - Any other relevant information
3. **Do not hang up the telephone** until the Public Safety dispatcher has indicated that you have provided all of the necessary information.

EMERGENCY NOTIFICATION AND WARNING SYSTEMS

The following systems are used to notify persons of an emergency situation:

- Public Address Systems (PA Systems) in the following buildings:
 - French Hall (FH)
 - Murchie Science Building (MSB)
 - University Pavilion (UPAV)
 - Harding Mott University Center (UCEN)
 - Recreation Center (REC CENTER)
 - Frances Willson Thompson Library
 - William S. White Building (WSW)
 - Northbank Center (NBC)
 - Hubbard
 - Central Energy Plant (CEP)
 - Student Housing (under construction)
- Fire alarms in all buildings
- Electronic mail, telephones and radios
- UM Emergency Alert notification system

When possible and if time permits, Public Safety will use more than one method of notification to alert or warn building occupants... this could include Public Safety staff walking through the building(s) and warning occupants in person. Additionally, if appropriate for some emergency situations, the University may utilize the UM Flint

Emergency Alert Mass Notification System to communicate to faculty, staff and or students who have chosen to participate in the UM Flint Emergency Alert Mass Notification System by signing up, providing and their emergency telephone number(s).

UM-Flint Emergency Alert is a mass urgent notification system, comprised of a variety of methods by which the University can contact students, faculty and staff of an active, major campus emergency utilizing one or more of the following methods of communication:

- Text messages (SMS) to cell phones
- Voice messages to phones
- E-mails

Students are encouraged to register their emergency contact information by logging into the [Student Information System](#) website using their personal login. Click “Personal Information” from the main menu. From there, students can select “Sign up for UM-Flint Emergency Alerts.” Students can also access the UM-Flint Emergency Alerts sign-up page by logging onto www.umflint.edu/umemergency. There will be a link to the [Student Information System](#) page where they can enter their UMID number and PIN. The rest of the information will be the same as above. All University of Michigan-Flint students’ email addresses will be automatically entered into the system.

Faculty and Staff: are encouraged to register their emergency contact information through [Wolverine Access](#). All University of Michigan-Flint faculty and staff email addresses will be automatically entered into the system.

If you have trouble registering, please contact the Information Technology Services Help Desk at 810.762.3123.

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The emergency notification and warning systems are checked periodically by Public Safety to ensure that they are operational. Problems with the systems will be reported to the Facilities Management Department for service and repair.

INCIDENT COMMAND SYSTEM

The key to effectively and safely respond to emergency situations is establishing a strong, reliable, broadly accepted organizational structure as well as delegating authority when necessary. This allows UM-Flint to know what will be happening in the event of an emergency and plan accordingly. Most importantly, it minimizes much of the confusion that might otherwise occur at the scene.

Most emergency situations require a multidisciplinary approach. Any given emergency may require a coordinated effort on the part of several departments. For example, Public Safety may be required to secure the scene, control a crowd, isolate an area, coordinate evacuations and ensure that individuals requiring physical assistance receive it. At the same time, the Facilities Management Department may be required to shut off utilities, interpret building drawings for the fire department, repair mechanical systems, or provide technical assistance to response teams. Lab Managers and/or faculty may be required to provide specific technical information concerning the contents of a particular laboratory and the associated physical and health hazards. The Environment, Health and Safety (EHS) Department may be required to advise the Incident Commander (IC) as to the health and safety of responders and potential short or long term effects of the proposed response activities. Department representatives may be asked to respond with DPS, EHS and Facilities Management.

In order to effectively respond and maintain control over the emergency, **UM-Flint will employ an Incident Command System (ICS) that establishes a single individual with broad authority for the purpose of implementing emergency procedures and directing the overall response at the site.** This individual shall be designated the IC. On the UM-Flint campus, the IC will be the Director of Public Safety or designee.

Some emergencies will require assistance from the Flint Fire Department (FFD) and or the Flint Police Department. Once the FFD responds to an emergency at UM-Flint, the senior FFD officer on site may choose to assume the responsibilities of IC, as permitted under State law. UM-Flint will continue to assist in the response effort under the direction of the FFD Incident Command System. The FPD and UMF DPS would operate under a unified command structure. UM-Flint will integrate the University's response efforts with other emergency response agencies utilizing NIMS or National Incident Management System approach/protocol.

UMF CAMPUS CRISIS MANAGEMENT TEAM (CMT)

In the event that an emergency occurs and is widespread requiring a comprehensive planning/response from multiple areas of the campus, it may be determined to initiate the Campus Crisis Management Team or CMT to meet and discuss the emergency event, the response activities. The UM-Flint Crisis Management Team can be fully activated or activated in part, depending upon the incident. The members of the CMT include the following individuals, or their designee:

- √ **Chancellor's Office: Chancellor,** Jack Kay
- √ **Provost/ Academic Affairs:** Vahid Lotfi
- √ **Administration Services:** Bill Webb or Dave Barthelmes
- √ **Student Issues:** Mary Jo Sekelsky & Johnny Young
- √ **Communication & Media Relations:** Jennifer Hogan & Mel Serow
- √ **Public Safety:** Chalmers. Sanders or Allen Cozart
- √ **Environment, Health and Safety::** Mike Lane or Lora Rometsch
- √ **Health Services/UHWC:** Diane Towers or ReeAnn Slagor
- √ **Employee Issues:** Dianna Curran or Beth Manning, Human Resources
- √ **Information Technology Services:** Scott Arnst or Ken Heiser
- √ **Student Housing:** Jeanine Bessette or Qiana Smith
- √ **Rec Center, Building Services, NBC:** Theresa Landis or Gray Parr
- √ **Facilities Mgt:** Laura Alexander or Larry King:

NOTE: The CMT or portions of the team may also find it necessary to meet to discuss and participate in potential emergency scenarios, or anticipated incidents, drills or exercises, training, safety audits, or other campus preparedness planning related topics.

ICS MEMBER'S ROLES AND RESPONSIBILITIES

Individuals performing or directing emergency response activities should have the skills and knowledge applicable to the tasks as outlined below.

Incident Commander (IC)

The Director of Public Safety, or designee, shall act as the IC until the FFD arrives on the scene. The IC is responsible for performing the function of emergency coordination. The IC must have the following qualifications:

1. A thorough knowledge and understanding of the site layout and operation.
2. The authority to make decisions to implement protective measures and commit resources.
3. Leadership qualities and training for operating under stressful conditions.
4. Knowledge of local governmental operations and emergency management.

The primary responsibilities of the IC are:

1. Activating the ERP and establishing the incident command post. Coordinating on site response forces and implementing protective actions.
2. Implementing decisions and directives on behalf of UM-Flint in order to safely respond to an emergency
3. Ordering the evacuation, sheltering and securing of building(s) and implementing recall or "all clear" procedures
4. Coordinating activities and resources between the emergency response agencies and UM-Flint.
5. Appointing, training and activating personnel to perform emergency tasks. (Emergency response training is also coordinated through the Environment, Health and Safety Department)
6. Organizing and maintaining an incident command post with adequate communications capability.
7. Suspending the response activities of UM-Flint employees if conditions pose an unreasonable degree of risk.
8. Notifying appropriate government authorities of an emergency and ensuring that the applicable reporting requirements are followed.

9. Coordinating the activities of volunteers during or after the incident.
10. In extreme situations, coordinate with other local emergency response agencies to assist in identifying emergency housing and feeding of personnel isolated at the site due to an emergency.
11. In conjunction with EHS, testing the ERP on a regular basis through planned drills and exercises.
12. Maintaining and updating a current copy of the ERP in conjunction with EHS.

Area Emergency Coordinators (AECs) ~ (Supervisors and Faculty)

Area Emergency Coordinator (AEC) positions are assigned by a department head to person(s) from each department or work area... this includes building emergency coordinators and floor marshals (see building emergency coordinators and floor marshals section of this document on page 9). In general, they are responsible for notifying others in their immediate area to evacuate the building or move to the closest protective shelter and otherwise helping implement emergency response activities.

The AEC shall possess knowledge and understanding of layout and operation of their specific department, classroom/laboratory or work area.

Primary responsibilities are:

1. Notifying persons within their area of the need to evacuate or seek protective shelter.
2. Directing persons to evacuation assembly areas or protective shelters, when safe to do so.
3. Coordinating shut-down and start-up procedures with the appropriate personnel.
4. Accounting for persons to the greatest extent possible at the evacuation assembly areas or in protective shelters and identifying individuals that have not been accounted for to the IC.
5. Issuing further instructions and updates to individuals as necessary.
6. Assisting with disaster assessment and follow-up activities.
7. Reporting work areas and classrooms where the posted Emergency Guidelines Poster and evacuation maps are missing, or damaged to the Facilities Management, DPS and EHS departments.

Building Emergency Coordinator (currently being developed)

1. Implement the campus response plan. Work with EHS, DPS & University Relations to modify to accommodate specific building/departmental needs.
2. Appoint Floor Marshals as appropriate and ensure they are adequately instructed in their duties and responsibilities.
3. Note: There must be adequate alternates to assume responsibilities in the absence of the Building Emergency Coordinator or Floor Marshals. These designations should also be made in the pre-planning stage.
4. Coordinate with EHS, DPS, your department and other emergency responders during an emergency regarding status of the emergency.
5. Communicate to building occupants when it is safe to re-enter the building.

Floor Marshals (voluntary position)

In some buildings, it is necessary to establish Floor Marshals to assist building occupants in safely evacuating or sheltering during an emergency. They are asked to:

1. Be familiar with the specific building plan and procedures.
2. Assist in evacuation by communicating evacuation routes/safe places of shelter to occupants during emergency evacuation or severe weather.
3. Conduct a sweep of assigned areas during fire alarm or severe weather warnings to spread the word if it is safe to do so.
4. Assist DPS officers with building evacuations and sheltering.
5. Assist DPS or firefighters in identifying person with special needs during a building evacuation.
6. Monitor building entrances if requested to do so.
7. Report the status of the evacuation to the Building Emergency Coordinator.
8. Assist the Building Emergency Coordinator in monitoring radios and other emergency communications, if radios are provided.
9. In the absence of the Building Emergency Coordinator during an emergency event, a Floor Marshal will assume responsibility initiating the plan and communicating with DPS and other responders.
10. When notified by DPS or the Building Emergency Coordinator, communicate to occupants that it is safe to re-enter.

The Communications Officer (DPS Dispatch)

The Communications Officer (CO) is responsible for emergency warnings and overall communication activities during an incident. The Public Safety Dispatcher shall perform this function at the direction of the IC. The primary responsibilities of the CO include:

1. Activating the on site warning and instructional systems as directed by the IC.
2. Establishing communication links between the incident command post and the News and Information Coordinator (the Office of University Relations), as directed by the IC.

3. Establishing a message control system for logging messages received by and dispatched from the IC and/or the incident command post.
4. Maintaining primary and backup communications systems between the IC, the incident command post, various responding personnel, departments on site and the local emergency management agencies, as directed by the IC.
5. Receiving and disseminating information to appropriate individuals.

Safety and Health Officer

The EHS Department manager, or designee, will act as Safety and Health Officer in emergency situations and assist the IC in emergency response activities. The Safety and Health Officer shall have the authority to "shut down" or stop response activities, if it is beyond the scope of UM-Flint's ability to respond safely. The primary responsibilities of the Safety and Health Officer are:

1. Remove personnel or stop operations if an imminent danger exists and cannot be controlled.
2. Develop measures for minimizing danger to personnel while involved in responding to emergencies.
3. Determine personal protective equipment and clothing needs for emergency responders.
4. Provide technical advice to the IC, about the incident or response activities as they relate to the environment or the health and safety of employees, students, visitors, or volunteers.
5. When appropriate, provide notifications and necessary spill reports to local, state and federal regulatory agencies.
6. Schedule debriefing meetings following incidents, when appropriate.
7. Participate in the annual ERP review with DPS.
8. Coordinate and assist departments in their emergency preparedness activities, training and exercises.

Campus Health Officer and University Chief Health Officer

During incidents that require the critical review, expertise and recommendation of a medical professional, the University may call upon the knowledge and experience of either UMF Health Officer, UHWC Clinical Director, and or the UM Chief Health Officer. These individuals will be able to provide the needed medical and health perspective and

expertise to ensure that the University is responding appropriately to a wide type of incidents that might include the discovery of an infectious hazard or communicable disease outbreak, a biological agent of concern, or some other health or medical related incident.

News and Information Coordinator

The Director of University Relations or designee is to be the News and Information coordinator. The primary responsibilities are:

1. Obtaining verified disaster-related information from the IC. When appropriate, coordinate the distribution of this information concerning an incident, campus closings, class scheduling changes, drills, etc to the campus community via e-mail, M-Formation line, or other method(s).
2. Preparing and issuing news releases.
3. Establishing a media center (as necessary) during on site emergency situations to coordinate emergency information and brief the media.
4. Conducting media tours of the emergency scene, when safe to do so, under the direction of the IC and approval of the Safety and Health Officer (EHS).
5. Initiating notification of volunteers, at the direction of the IC, that help is needed.
6. Developing/maintaining a communications plan for a variety of anticipated campus emergency scenarios.

Business Operations Administrator

The Business Operations Administrator, or designee, shall assist in providing or arranging for additional support services, facilities and materials for response to an emergency. It may be necessary for the Business Operations Administrator to authorize additional funding for hiring contractors, purchasing equipment and/or materials for response to an emergency. On the UM-Flint Campus the Vice Chancellor for Administration or designee, shall act as the Business Operations Administrator.

Employees and Building Occupants

1. Familiarize yourself with emergency guideline posters, location of shelters, assembly areas, safety equipment and campus/department emergency procedures.
2. Report all emergencies to DPS.
3. Participate in emergency drills and exercises.

ICS CHAIN OF COMMAND

It is important to clearly outline the chain of command so that all individuals involved in the emergency response efforts understand who is in charge and who needs to be kept informed.

Normally, overall responsibility for university operations rest with the Chancellor. In his or her absence, the chain of command is as follows concerning university business:

1. Provost or designee
2. Vice Chancellor for Administration or designee
3. Vice Chancellor for Student Services and Enrollment Management or designee
4. Vice Chancellor for Development or designee

However, during emergency situations when specific response activities (e.g. evacuation due to a credible bomb threat) are required, the UM-Flint Incident Commander shall be in charge and direct all University's response activities related to the threat or incident.

The Incident Commander (IC) for UM-Flint is the Director of Public Safety. The IC will have broad authority to direct all emergency response activities and efforts. The Director of Public Safety can delegate this responsibility to other qualified individuals.

Some emergencies will require assistance from other public emergency response agencies such as the Flint Fire Department (FFD). A transition of IC may occur from UM-Flint Public Safety Department to the responding public agency. For example, once the FFD responds to an emergency at UM-Flint, the senior FFD officer on site may choose to assume the responsibilities of IC, as permitted under state law. UM-Flint will continue to assist in the response effort under the direction of the FFD Incident Command System. Control over the emergency scene will return to Public Safety at the discretion of the agency.

ESTABLISHING AN INCIDENT COMMAND POST

When an emergency occurs or is imminent, it shall be the responsibility of Public Safety to set up and staff an emergency command post. This may turn out to be a mobile command post, depending upon the nature and location of the incident.

1. The IC shall establish a specific area for coordinating outside agencies' response activities.
2. The **Incident Command Post should be located up-wind, up-hill, up-stream**, in other words a safe distance from the incident. This is true especially while coordinating the response activities for a hazardous material spill emergency release. When appropriate, the command post should be located outside the "hot zone" isolation distance published in the North American Emergency Response Guidebook.

Emergency Operation Center (EOC)

UM-Flint has established an Emergency Operations Center for circumstances in which the crisis management team required to meet and coordinate the University's response. It is an agreed upon location(s) that is able to accommodate all members of the crisis management team as well as the necessary communications equipment necessary to monitor and direct the response activities. The location of the EOC is not published.

MEDIA RELATIONS

The University of Michigan-Flint has a few guidelines addressing the activity of communicating information to the general public or media during an emergency incident. They include the following:

- Only an authorized spokesperson is to meet with the media and communicate information concerning an emergency incident on the campus. This is routinely, the Director of University Relations.
- Only factual information shall be released; no speculation is to be offered.
- The Director of University Relations will be responsible for establishing and coordinating the activities of a "media center" responsible for briefing the media on an emergency situation.
- The Director of University Relations will be contacted by IC and kept informed of the current status of emergency incidents.
- Before providing information concerning an emergency situation to the media, the Director of University Relations will review the information with the IC, and others if appropriate, to ensure that confidential or sensitive information is not inappropriately released.

DEPARTMENT RESPONSIBILITIES**Key UM-Flint Departments****Public Safety Department**

- The Director, or designee, will act as IC during emergencies.
- Ensure that an adequate number of individuals are trained to Incident Commander Level.
- Coordinate communication and provide site security during an emergency.
- Initiate spill response efforts to contain hazardous spills.
- Provide emergency access to secured areas.
- Initiate and monitor building evacuations and in-place sheltering.
- Coordinate and monitor annual evacuation and protective shelter drills.
- Initiate request for volunteers for assistance in nonhazardous activities such as flood clean up.
- Routinely test the public address systems and fire extinguishers.

Environment, Health and Safety Department

- Act as Safety and Health officer.
- Investigate reported health and safety related incidents.
- Conduct inspections of high hazard areas and provide safety recommendations.
- Ensure that evacuation routes and emergency procedures are posted.
- Coordinate, in conjunction with Public Safety, the response efforts for hazardous material related emergencies which may include initial containment and clean up activities.
- Provide assistance in the areas of environmental health and safety to all departments and assist in researching, understanding and complying with state, federal and local environment, health and safety regulations.

- Assist departments in the coordination and/or development of employee safety training and drills/exercises.
- Work with Public Safety to review and revise the ERP as needed.
- Approve all purchases of personal protective equipment for UM-Flint personnel.
- When appropriate, notify regulatory and response agencies of spills.

Facilities Management Department

- Develop, post, and maintain campus wide evacuation maps in cooperation with EHS and Public Safety.
- Designate an individual or team responsible for developing written procedures, for specific Emergency Response Plans for all critical operations and activities, and implementing the procedures. Ensure employees have been adequately trained to respond safely during an emergency. Coordinate training through EHS and DPS.
- Assign individuals, prior to an emergency, to act as automatic sprinkler control operator, fire pump operator, and utilities operator.
- Assist Public Safety in barricading emergency scenes.
- Test, service and repair emergency equipment consistent with established guidelines.
- Maintain and provide when needed current utility information to DPS, EHS and other emergency planning/response agencies including but not limited to gas shut off valve locations, water valves, storm and sanitary sewer lines, discharge points, floor plans, building layouts, and other relevant information..
- Establish a "Salvage Team" and facilitate their activities. Careful to ensure safety training for those on the salvage team

University Relations

- The Director of University Relations shall act as the News and Information Coordinator during an emergency.
- Receive incident/emergency information from the IC and coordinate communication with the media.

- Develop a communication plan for anticipated emergencies or emergency scenarios requiring communication to the campus community.
- Coordinate notification of volunteers from the volunteer call list for assistance in response or salvage efforts, at the direction of the IC.

Urban Health and Wellness Clinic (UHWC)

- The Campus Health Officer and or UHWC Clinical Director will provide medical/technical support planning for and while responding to an emergency involving infectious hazards, communicable disease or other potential health threatening situation in which professional medical consultation/guidance may be needed.
- Assist EHS in the investigation of reported communicable illnesses, infectious hazards or outbreaks involving student, faculty, staff or campus visitors, if appropriate.
- Provide recommendations on the best management practices or response actions related to infectious hazards and infectious disease management.
- UHWC Medical Director provides medical oversight for AED management program.
- Provide assistance in the areas of disease management and prevention to all departments and assist in researching, understanding and complying with state, federal and local health regulations or requirements.
- Assist departments in the coordination and/or development of employee disease management and prevention training.
- Work with EHS and Public Safety to review and revise the ERP.

All UM-Flint Departments**Directors and Department Heads**

- Designate individuals or teams responsible for developing "department-specific" emergency instructions beyond the emergency procedures identified in this document.
- Designate an appropriate number of individuals as AECs for response to emergencies (see Area Emergency Coordinators responsibilities outlined in previous section).
- Ensure that adequate emergency procedures, training, personal protective equipment (PPE) and safety equipment are in place for response to foreseeable emergencies.
- Ensure that laboratories are in compliance with UM-Flint Laboratory Safety Programs and that a Chemical Hygiene Plan is developed, implemented and up-to-date.
- Ensure that non-laboratory units that handle hazardous materials are in compliance with the UM-Flint Hazard Communication Program and other applicable programs.
- Ensure that the required hazardous chemical inventory is accurately maintained, updated at least annually, posted in a conspicuous location and a copy provided to EHS.
- Ensure that employees who deal with hazardous materials have the equipment and required training to safely respond to spills. Appropriate employee training should include hazard communication, respiratory training, Hazardous Waste and Emergency Response Operations (HAZWOPER) training depending upon the employee's job responsibilities.

Supervisors and Faculty

They are responsible for notifying others in their immediate area to evacuate the building or move to the closest protective shelter and otherwise helping implement emergency response activities.

The AEC shall possess knowledge and understanding of layout and operation of their specific department, classroom/laboratory or work area.

Primary responsibilities are:

1. Notifying persons within their area of the need to evacuate or seek protective shelter.
2. Directing persons to evacuation assembly areas or protective shelters.
3. Coordinating shut-down and start-up procedures with the appropriate personnel.
4. Accounting for persons to the greatest extent possible at the evacuation assembly areas or in protective shelters and identifying individuals that have not been accounted for to the IC.
5. Issuing further instructions and updates to individuals as necessary.
6. Assisting with disaster assessment and follow-up activities.
7. Reporting work areas and classrooms where the posted Emergency Guidelines Poster and evacuation maps are missing, or damaged to the Facilities Management and EHS departments.

Non UM-Flint DepartmentsRisk Management in Ann Arbor, MI

- Process all UM-Flint Employee Report of Accident & Illness 101A forms.
- Compile the OSHA Occupational Injury and Illness Log.
- Administer the University of Michigan's Worker Compensation program.
- Provide general risk management support to UM-Flint.

Occupational Safety & Environmental Health (OSEH) in Ann Arbor, MI

- Provide technical assistance in OSEH issues.
- Provide technical assistance in emergency planning.

Flint Fire Department (FFD)

- Familiarize first responders with UM-Flint's campus, including general building layout, chemical storage areas, accessways, established ICS and any information necessary for safe and effective response to a variety of potential emergencies.
- Respond to emergencies when called upon by the UM-Flint.
- Implement their own emergency plan until UM-Flint Public Safety arrives.
- Act as IC.

Flint Police Department (FPD), Genesee County Sheriff's Department, FBI, BATF, MSP

UM-Flint DPS will provide notification to local, county and state law enforcement agencies, when appropriate. Law enforcement agencies will respond and assist in the investigation and/or response of emergency incidents and threats. UM-Flint DPS will continue to act as IC during an emergency, unless the State or Federal law enforcement agency with overriding jurisdiction takes control.

Environmental Emergency Response Contractor

UM maintains open purchase order(s) with at least one or more environmental contractors capable of responding to emergencies involving hazardous materials. The contractor's employees have the appropriate training and equipment to respond promptly and safely to HazMat situations beyond the immediate capabilities of UM-Flint employees. UM-Flint has the ability to utilize an environmental response contractor under contract with the Ann Arbor Campus. The UM-Flint EHS Department must be contacted to coordinate any environmental remediation or response activities.

EVACUATION PROCEDURES

Definitions

Buddy System- A system of organizing individuals into groups in such a manner that each individual of the group is designated to observe at least one other individual in the group. The purpose of the buddy system is to provide rapid and more effective assistance to employees in the event of an emergency. Emergency responders as well as individuals evacuating an area or building use the buddy system.

Evacuation Procedures

In the event that an emergency should occur requiring a portion of campus to be evacuated, the following procedures shall be followed by UM-Flint employees unless directed differently by Public Safety.

A. Building Evacuation

1. All occupants of a building shall evacuate when an alarm sounds or upon notification by Public Safety.
2. When the building evacuation alarm is activated, leave by the nearest marked exit and alert others to do the same.

Faculty and supervisors are required to begin evacuation of the building whenever the fire alarm is sounded. Failure to do so may result in harm to individuals.

Area Emergency Coordinators will advise the people to:

- Remain calm. Do not run, panic, or cause others to panic.
 - Quickly gather in small groups of 3-4 people and use the "buddy system" when seeking protective shelter or evacuating the building.
 - Identify the assembly area for occupants to meet
 - Quickly and orderly go to the nearest exit. Do Not Use Elevators!
 - Stay together and exit the building to the assembly area.
3. Faculty and supervisors shall take additional care to ensure that individuals with known mobility, hearing, visual disability, or other concerns are assisted to the nearest exit using the "buddy system". Faculty and supervisors should be encouraged to be the last to leave their area.

Public Safety should be called immediately from the nearest telephone away from emergency incident if the "buddies" need assistance to evacuate or seek shelter. This includes assisting individuals with disabilities that can not otherwise be easily assisted in safely evacuating or seeking protective shelter.

Everyone shares in the responsibility to assist each other; especially assisting those with known disabilities that may make it difficult to promptly evacuate or take shelter. Be alert, use common sense and take direction from those individuals with disabilities that you may be assisting. Some individuals can only be handled in a particular way in order to avoid serious injury.

4. Shut off equipment, close windows and doors, **only if it can be done without risk or imminent physical harm**. Examples include shutting down lab experiments, lock/secure cash or other valuables, secure hazardous areas i.e. chemical storage rooms.
5. Once you have safely evacuated the building, promptly proceed to your building's assigned assembly area. Keep streets, fire lanes, hydrant areas and walkways clear for emergency vehicles and personnel. The Area Emergency Coordinators will, to the best of their ability, account for occupants. This can be done by requesting that groups of "buddies" that evacuated the building together account for each other and report to the Area Emergency Coordinator. The Area Emergency Coordinators will notify Public Safety of persons that are not accounted for.

It is important that individuals do not walk away from the assembly areas until they are accounted for by the Area Emergency Coordinators. First responders may place themselves in unnecessary danger in an attempt to search for and rescue persons that are not accounted for.

6. Do not return to the evacuated building unless directed to do so by the IC. Follow the directions of the IC when leaving the assembly area.

B. Campus Area Evacuation (also see Campus Closing Section of this plan)

1. Evacuation of all or part of the campus will be announced by the IC or designee. Persons are to immediately vacate the area in question and relocate to another part of the campus, as directed by the IC.
2. Follow the Building Evacuation procedures outlined above when vacating buildings.

3. The Incident Commander or designee will notify people when it is safe to return to the campus.

Follow-up

1. The IC will designate someone to review the area or building to ensure that it is safe to return. IC will broadcast an "ALL CLEAR", when the building is safe to enter.
2. The IC will notify the Vice Chancellor for Administration or designee and the Chancellor that the "ALL CLEAR" has been broadcast and the building is safe.
3. As building and UM-Flint operations return to normal and building occupants return to their respective work areas and classrooms, all individuals need to be aware of the following hazards that may exist:
 - broken glass and other sharp objects
 - electrical wires
 - tripping hazards
 - partial power to equipment
 - chemical hazards
4. Hazards should be reported to your supervisor and to the Facilities Management Department at 762-3223. Do not attempt to make any repairs or enter an area in which these hazards are present.
5. If necessary, a salvage team will be assembled by Facilities Management to assess damage and coordinate salvage activities.

FIRE EMERGENCY

Prior to a fire related emergency know the location of fire extinguishers, fire exits, evacuation routes, alarm systems and how to use them. Ensure that you have the appropriate extinguisher(s) for the potential types of fires that could occur.

In the event that a fire should occur, UM-Flint employees shall follow the following procedures, unless directed otherwise by Public Safety.

1. Promptly evacuate the area and activate the building alarm.

Shut off equipment and terminate fuel sources, only if it can be done without risk.
2. Report all fires IMMEDIATELY to Public Safety, at 762-3335 or 911 from any campus phone, from a safe location. Provide the following information:
 - Your name, department name, current location and telephone number.
 - Location of the fire (building and room number).
 - Description of the fire (size, materials involved, how long it has been burning, and what actions have been taken).
 - The extent of injuries, if appropriate.
 - If someone is trapped.
3. If a fire emergency involves a minor and controllable fire (incipient), attempt to put out the fire ONLY if you have been trained to put out such a fire and only if it can be done without risk to your safety and health and others. **For those who have been trained in safely operating a fire extinguisher**, remember to read the label on the fire extinguisher prior to discharge to ensure that the extinguishing material is appropriate for that particular type of fire. Direct the charge of the nearest fire extinguisher toward the base of the flame, Keeping your back to exit and keeping yourself between the fire and the exit. Do not attempt to fight the fire alone or without giving you an escape route!
4. When the building fire alarm is sounded, all building occupants are required to proceed quickly to the nearest marked exit and alert others to do the same. Close all doors and windows to confine the fire and reduce the supply of oxygen, only if it can be done safely. Do not lock any doors or windows. Follow the building evacuation procedures previously outlined in the section entitled "Evacuation Procedures".

Remember that smoke is the greatest danger in a fire, so in the event that you are evacuating from an area filled with smoke, keep your

head no more than 8-12 inches off of the floor, where the air is less toxic. Avoid liquids on the floor that could be harmful chemicals

Before opening a door, feel it for heat that would indicate that a fire might be present on the other side of door.

5. Once Public Safety becomes aware of a fire emergency, the Public Safety dispatcher will immediately notify the following personnel of the location of the fire:
 - a. The Flint Fire Department. The Public Safety dispatcher will confirm with the FFD that they are in route to the fire and assign a Public Safety Department member to guide the FFD to the scene of the fire.
 - b. Public Safety shift supervisor, who will report immediately to the fire's location and take charge of the scene. After evaluation the specific conditions, the Director of Public Safety and Environment, Health and Safety manager or designee will be contacted.
 - c. Director of Facilities Management, or designee (see Facilities Management's emergency call list).

All radio communications shall be restricted to emergency related communications only.

6. The Incident Commander will assign Public Safety personnel to:
 - a. Initiate and monitor the evacuation of all building occupants. **Special attention shall be given to ensure that persons with mobility, vision, or hearing disabilities are safely evacuated to a safe distance from the immediate emergency scene to await the FFD's assistance in evacuating them from the building, if needed, as indicated in the evacuation procedures section of this document.**
 - b. Locate and advise medical rescue personnel of the location of all injured persons through the Public Safety dispatcher.
 - c. Keep emergency routes open so that emergency vehicles can get to the fire scene.
 - d. Keep non-emergency personnel a safe distance from the fire, emergency vehicles and equipment.
 - e. Make a complete report of the fire.

- f. Secure the scene during and after the incident.
 - g. Provide access to critical equipment areas for Facilities Management Department personnel and FFD.
7. ***During normal business hours***, The Director of Facilities Management, or designee, will contact the HVAC group leader to assign individuals to the following duties:
- Automatic sprinkler control operator to ensure sprinklers are operating properly
 - Fire pump operator to ensure that the fire pumps are operating properly
 - Utilities operator to monitor or disconnect the utilities as required.
- After hours, weekends or on holidays***, The FFD will assume the above roles until such time as the on-call Facilities Management representatives able to perform these duties arrive at the scene.
8. Once outside building occupants must move to a secure area away from the affected building as designated by the IC. Keep streets, fire lanes, hydrants and walkways clear for emergency vehicles and crews.
 9. An Incident Command Post may be set up near the emergency site. Keep clear of the Command Post unless you have official business there. Do not call the Command Post unless it is an emergency.
 10. Do not return to the evacuated building unless directed to do so by the IC, a member of Public Safety. After any evacuation, report to your designated assembly area. Stay there until an accurate headcount is taken. The Area Emergency Coordinators (AECs) will assist in accounting for all occupants. They must immediately notify Public Safety of any unaccounted for persons, if known.
 11. The IC will reassign Public Safety personnel after the fire is out.

Trapped in the Building During a Fire

Should you become trapped inside a building during a fire, do the following

- STAY CALM, DO NOT PANIC.
- Keep all doors and windows closed.
- Place an article of clothing inside or outside the window, if a window is available, as a marker for the emergency rescue crew. DO NOT LEAVE THE WINDOW OPEN.
- Stuff objects, such as wet cloth towels, into openings to prevent smoke from entering the area.
- Wet clothing if possible. Wrap wet clothing around face to minimize smoke inhalation. Fill sinks and tubs with water if possible to maintain a supply of water.
- Keep your head no more than 8-12 inches off the floor where the air is less toxic.
- Shout at regular intervals to alert emergency crews of your location.
- Maintain contact with Public Safety by telephone as long as possible.

Follow-up

1. The IC will designate someone to review the area or building to ensure that it is safe to return. IC will broadcast an "ALL CLEAR", when the building is safe to enter.
2. The IC will notify the Vice Chancellor for Administration or designee and the Chancellor that the "ALL CLEAR" has been broadcast and the building is safe.
3. As building and UM-Flint operations return to normal and building occupants return to their respective work areas and classrooms, all individuals need to be aware of the following hazards that may exist:
 - broken glass and other sharp objects
 - electrical wires
 - tripping hazards
 - partial power to equipment
 - chemical hazards
4. Hazards should be reported to your supervisor and to the Facilities Management Department at 762-3223. Do not attempt to make any repairs or enter an area in which these hazards are present.
5. If necessary, a salvage team will be assembled by Facilities Management to assess damage and coordinate salvage activities.

FIRE EXTINGUISHER USE BY TRAINED INDIVIDUALS

The University of Michigan - Flint maintains several types of fire extinguishers throughout the campus. Before attempting to use a fire extinguisher, be sure that you are trained. Know that you are using the proper extinguisher for the fire. **CAREFULLY CHECK THE EXTINGUISHER'S LABEL.** The use of the wrong type of extinguisher or using it improperly can endanger lives by spreading the fire.

There are four recognized classes of fire you should be aware of when selecting the extinguisher. They are:

1. **Class A fire** (usually fueled by combustibles such as paper, cardboard, wood or cloth) use a WATER type extinguisher.
2. **Class B fire** (Flammable liquids, gasses and grease) use a CO2 or DRY CHEMICAL extinguisher.
3. **Class C fire** (energized electrical equipment) use a CO2 or DRY CHEMICAL extinguisher.
4. **Class D fire** (metals and metal hydrides) use a SPECIAL DRY POWDER extinguisher.

UM-Flint maintains several ABC type fire extinguishers. ABC extinguishers can be used on Class A, B, and C fires. Prior to using any extinguisher check the label to ensure that the extinguisher is appropriate for the fire.

Basic steps for using a fire extinguisher:

1. Remove the extinguisher from the hanger or cabinet and hold it upright.
2. Remove the pin.
3. Remove the nozzle from its hook on the side of the extinguisher and aim the nozzle at the base of the fire. **DO NOT AIM THE NOZZLE DIRECTLY AT THE FLAMES.**
4. Stand within 10 feet of the fire. Do not cause the fire to ignite other materials by blowing the fire with the extinguisher as you attempt to put it out. Never fight a fire alone and always leave an escape path. Do not block yourself in when trying to put out a fire.
5. Squeeze the handle together using short bursts.
6. Use a sideways sweeping motion, sweeping across the width of the fire, **NOT UP AND DOWN.** Continue to apply the extinguishing agent to the base of the flames.

7. As the flames retreat, walk forward while extinguishing the flames until the fire is out.

If at any time a fire can not be promptly extinguished with a single extinguisher, IMMEDIATELY evacuate the area, pull the fire alarm to alert others in the area and notify Public Safety at 762-3335 or 911 from any campus phone, from a safe location.

Be familiar with location and type of fire extinguishers in your area before using them. Report all fires to Public Safety. Report the use of an extinguisher to Public Safety so that it can be recharged. Do not remove or use extinguishers other than for their intended purpose.

Fire Extinguisher Training

Contact Public Safety or Environment, Health and Safety to coordinate training for you and your employees on the proper selection and use of fire extinguishers.

MEDICAL AND FIRST AIDReporting a Medical Emergency

University policy indicates that **all medical emergencies involving faculty, staff, students and visitors must be reported immediately to Public Safety**. If you require, or if you become aware of an individual who requires, emergency medical care, than immediately:

1. Call Public Safety at 762-3335 or 911 from any campus phone. The exception is if you are calling from a pay phone on campus, 911 will connect you with the City of Flint Police, Fire and emergency response departments. Ask them to notify the UM-Flint Public Safety.
2. Provide the following information to the Public Safety dispatcher:
 - Your name and telephone number
 - The name of the individual requiring medical attention, if known
 - Description of individual requiring medical attention.
 - Exact location of the individual (building and room number if applicable)
 - Describe what is happening
 - Any other relevant information
3. Do not hang up the telephone until the Public Safety dispatcher has indicated that you have provided all of the necessary information.

Universal Precautions and Bloodborne Pathogens

Universal Precautions refers to treating all bodily fluids as if they are contaminated and can cause serious illness or death. Only individuals trained in first aid, CPR, or emergency medical procedures should respond directly to medical emergencies. All other individuals should call 911 for medical assistance. Universal Precautions should be followed at all times during a medical emergency when there is a potential exposure to bodily substances. Protect yourself and others from communicable illness or disease.

Waiting for Emergency Medical Assistance

While waiting for help to arrive, your first actions should be as follow:

1. Survey the scene.

- Is it safe for you to approach the injured party? Remember that you cannot help a victim if you become a victim also!
 - Do not attempt to move the person unless they are in immediate, life threatening danger.
 - Introduce yourself to the victim. Reassure them that help is on the way.
 - Keep the victim warm and as calm as possible.
2. Determine what happened.
- If you decide that you can safely approach the victim; determine the following:
- Is the person bleeding?
 - Is the person breathing?
 - Is the person choking?
 - Does the person have a known medical condition, i.e. heart problems, diabetes, epilepsy, etc.? (Look for a medical alert tag)
 - Has the person fallen?
 - Was there a fire, chemical splash or spill, or a vehicle accident?
3. The information obtained should be immediately reported to the first Public Safety officer who responds to your call or to any trained medical first aid professional who arrives on the scene.

Arranging transportation for injured persons

Public Safety will arrange transportation for injured persons who are unable to provide their own transportation to and from an emergency medical facility. The means provided shall be at the discretion of the Public Safety shift supervisor.

Employee Work-Related Emergency Medical Care

The University of Michigan-Flint's primary emergency medical care provider for work-related medical emergencies is Genesys Occupational Health Network. In the event of a work-related medical emergency, the employee's supervisor should take the following steps.

1. Notify Public Safety immediately when any injury occurs.
2. Inform the injured party of their right to medical treatment/evaluation at University's expense, if the University's provider is used.

All persons who choose to seek medical treatment outside of the University provided network need to be aware that they may be responsible for any expenses incurred since private health insurance will not, in most cases, cover costs associated with work related injuries/illnesses. To avoid this possibility, employees should ALWAYS check with their private insurer before seeking care. According to state and federal workers' compensation laws, the University has medical jurisdiction on a work related illness or injury for 10 days.

3. **For minor injuries occurring during regular business hours**, (Monday through Friday 8:00 a.m. to 5:00 p.m.) telephone Genesys Health System at 810-742-7700 to make arrangements for treatment.

GENESYS Occupational Health Network

3021 S. Dort Highway Suite A, Flint, MI 48507-5217 (810) 742-7700
Monday thru Friday 7 a.m. to 6 p.m.

4. **For serious injuries occurring after regular business hours**, the injured party may typically be directed to one of the following medical treatment facilities unless the responding emergency medical responder deems a different facility as more appropriate:

EMERGENCY DEPARTMENT & URGENT CARE		
East Flint Campus	West Flint Campus	Health Park Campus
1460 N. Center Road Burton, MI 810-715-4610 <i>Corner of Davison Rd.</i>	3921 Beecher Road Flint, MI 810-762-4710 <i>Corner of Ballenger Hwy.</i>	One Genesys Parkway Grand Blanc, MI 810-606-5710 <i>Holly Road at I-75</i>
Hours: 9 a.m. to Midnight	Hours: 10 a.m. to 9 p.m.	OPEN 24 HOURS

AFTER-HOURS CLINICS		
EAST	NORTH	SOUTH
1096 South Belsay Road, Suite F. Burton, MI (810) 715-4610	4154 W. Vienna Road Clio, MI (810) 686-7397	8447 N. Holly Road, Suite A, Grand Blanc, MI (810) 603-0856
HOURS: 6 p.m.- 10 p.m. Monday thru Friday 1:00 pm to 10:00 pm Saturday, Sunday & Holidays,		

5. The Authorization for Treatment form should accompany the injured employee to the medical treatment facility, if possible. The responding Public Safety Officer will provide copies of the form. In the event that the employee's supervisor is not available, a Public Safety Supervisor or designee or the Environment, Health & Safety Department may sign the Authorization for Treatment form.

As a last resort or in the event of an extreme emergency that requires IMMEDIATE attention, send the injured person for treatment with no paperwork. However, make certain that the hospital or clinic is informed that the patient is being treated for UM-Flint under their contract with Genesys Occupational Health Network.

6. Contact the Environment, Health & Safety Department immediately, giving your name, department, the employee's name, location of treatment and details of accident/injury (leave message on voice mail if no one is available to take your phone call).
7. Within 24 hours of the accident/injury, the employee's immediate supervisor is required to fill out a UM Work Connections Illness or Injury Report Form. Completed forms need to be sent immediately to the Environment, Health & Safety Department for processing. A copy of this form is available on line at <http://www.umich.edu/~connect/pdf/iirf.pdf> or through EHS.

Refer to the University of Michigan's Standard Practice Guide #519.2 for further details concerning the policy and procedures for work-related accidents and injuries.

POWER FAILURE/UTILITY EMERGENCY

In the event a power outage should occur, the following procedures shall be followed by UM-Flint employees, unless directed differently by Public Safety.

1. Individuals who become aware of a power failure in their area should call Public Safety at 762-3335 or 911 from any campus phone and provide the following information:
 - Name and telephone number
 - The exact location of the area(s) experiencing a loss of power (building and room number if applicable).
2. Public Safety will forward the above information to the Director of Facilities Management Department, or designee, as well as notify the following:
 - Public Safety shift supervisor.
 - All on-duty Public Safety personnel.
 - The Director of Public Safety (for a large power failure involving an entire building).
 - Vice Chancellor for Administration, or designee (in the event of a large power failure involving an entire building).
3. In the event of a power failure covering a large area such as an entire building, the Incident Commander will:
 - Contact Facilities Management to determine extent of the problem.
 - Assess whether or not full or partial evacuation of the building is necessary.
 - Assign Public Safety personnel to check each office/classroom in each building that is open to determine if anyone needs assistance getting out of any building. Priority should be given to individuals with disabilities.
 - Confirm that laboratories using or storing chemicals and relying upon special ventilation equipment (fume hoods & Gross Anatomy Laboratory) have evacuated occupants.
 - Assign Public Safety personnel to secure the building until the problem is corrected.

4. Facilities Management Department personnel will:
 - Inform the Incident Commander of the extent of the problem.
 - Assign personnel to promptly investigate the situation.
 - Determine the appropriate and timely response.
 - Inform the IC and Safety & Health Officer of any known hazards for occupants remaining in the building and the status of repairs.
 - Coordinate and monitor the repairs.
 - Assemble a salvage team, if necessary, to access the damage and coordinate salvage related activities. Salvage activities must be coordinated through EHS to ensure area(s) are safe... asbestos, lead, mold, etc.

Additional Utility Failure Information

The following information provides the initial response to other types of utility related emergencies. In each case, ALWAYS contact Public Safety immediately from a safe location. Follow the evacuation procedures if evacuation of the area or building is required.

Electrical/light Failure

Natural lighting in the UM-Flint buildings may not provide sufficient illumination in corridors, stairways and inner offices. Having a flashlight and a portable radio available for emergencies is recommended. UM-Flint buildings are equipped with emergency lighting for the purpose of assisting individuals in safely exiting the building.

Elevator Failure

If you become trapped in an elevator, use the elevator emergency telephone to notify Public Safety. If there is not a telephone available within the elevator, activate the emergency alarm located on the front control panel that will alert others for help. Periodically, yell for help if none of the above options appears to be effective.

If you discover an elevator that is not working or discover someone trapped in an elevator, immediately notify Public Safety. Public Safety will notify Facilities Management.

Plumbing/Flooding

If you discover a plumbing failure or flood, cease using electrical equipment. Immediately contact Public Safety. Public Safety will notify Facilities Management and

secure the area. If necessary, the building may be evacuated and closed until the situation is controlled.

Gas Leak

All gas leaks should be treated as SERIOUS. Cease operations and IMMEDIATELY contact Public Safety. Do not switch on lights or any other equipment. If lights are on, leave them on. Electrical arcing can cause ignition or explosion. If necessary, evacuate the area and/or the building following the evacuation guidelines in this ERP.

Public Safety will immediately contact Facilities Management to investigate the leak. Facilities Management will immediately report all serious gas leaks to Consumers Energy.

Ventilation Problems

Smoke or abnormal or irritating odors coming from the ventilation equipment should be immediately reported to Public Safety and Facilities Management. If necessary, evacuate the area and/or the building following the evacuation guidelines in this plan.

Repairing Equipment

Only trained and qualified individuals should attempt to service or repair university equipment that is involved in a utility related problem discussed in this section. Employees must involve Facilities Management if electrical repairs are needed.

TORNADO AND SEVERE WEATHER EMERGENCIES

Definitions

- *Watches* are issued by the National Severe Storm Forecast Center to indicate when and where severe thunderstorms and/or tornadoes are most likely to occur. A severe thunderstorm watch implies that storms may develop to sufficient strengths to produce large hail and/or damaging winds. A tornado watch means that conditions are favorable for the occurrence of both tornadoes and severe thunderstorms.
- *Warnings* are issued by National Weather Service offices when Severe Thunderstorms or tornadoes are indicated by radar or reported by trained spotters or other reliable sources.
- *Severe Thunderstorm* is defined by the National Weather Service as a severe thunderstorm having winds of 58 m.p.h. or more, or hail 3/4 of an inch in diameter or larger.

Monitoring Severe Weather

Information concerning severe weather that may require immediate action is obtained from the National Weather Service, or nearby city community and/or governmental emergency service agencies. The Public Safety dispatcher shall access this information by continuously monitoring weather broadcasts from the National Weather Service on a weather band radio located at the Public Safety base. The radio sounds an alarm when a severe weather/tornado watch or warning is announced by the National Weather Service.

Campus Closings Due to a SNOW or ICE Emergency

Decisions to close the campus due to snow or other severe weather are made by the UM-Flint Chancellor. The decision to close the UM-Flint Campus will be communicated through University Relations to the campus community. See Section titled CAMPUS CLOSINGS on page 37.

In the event that a tornado or severe weather emergency should occur, the following procedures shall be followed by UM-Flint employees, unless directed otherwise by Public Safety.

Tornado/Severe Weather WATCH Procedures

1. Should a severe weather WATCH (such as a severe snow, electrical, rain or wind storm) occur, the Public Safety dispatcher will immediately notify the Incident Commander or the on-duty Public Safety shift supervisor.
2. The Public Safety shift supervisor may provide a courtesy communication to persons of the WATCH conditions using electronic mail (using the all UM-Flint users e-mail address) or by some other effective means. Persons interested in being informed or updated of such conditions may choose to monitor their electronic mail for Public Safety's courtesy communication or monitor their own radio for a status of the conditions.
3. The Public Safety supervisor will instruct on duty Public Safety personnel to closely monitor the weather for any funnel clouds or threatening conditions, until the Public Safety dispatcher communicates that the WATCH has been discontinued.
4. Public Safety will continue to monitor the weather conditions. All building occupants shall be notified via electronic mail by Public Safety, if the WATCH condition is revised and/or is no longer in effect. If the WATCH conditions are "upgraded" to a WARNING status then Public Safety shall follow the procedures and notifications outlined in the next section.

Tornado WARNING Procedures

1. If there is a Tornado WARNING, the Public Safety base will immediately notify the IC, or the on-duty Public Safety shift supervisor.
2. The IC or Public Safety shift supervisor will notify persons in all UM-Flint buildings by using the building's public address system, or by some other effective means, that a Tornado WARNING is in effect and that all persons shall immediately move to the nearest shelter area. Public Safety may use the following announcement, or some other equally informative statement:

"The National Weather Service has issued a tornado warning for Genesee County. This means that a tornado has been spotted in Genesee County. Everyone go to their assigned tornado shelter area and await instructions." (Repeat at frequent intervals)

3. The on-duty Public Safety shift supervisor will assign Public Safety personnel to:
 - Warn persons in all campus buildings.
 - Report the number of people in each building's basement or in the designated area to the Public Safety dispatcher.
 - Report any persons injured or property damage to the Public Safety dispatcher.
4. When notified by Public Safety of a Tornado Warning, all occupants must stop their work and proceed to the nearest designated shelter area.

Area Emergency Coordinators (AECs) will advise individuals in their area to:

- Remain calm. Do not run, panic, or cause others to panic.
- Quickly gather in small groups of 3-4 people and use the "buddy system" while moving to the nearest shelter.

Faculty and supervisors shall take additional care to ensure that individuals with known mobility, hearing, visual disability, or other concerns are assisted to the nearest shelter area using the "buddy system", or assisted by their faculty/supervisor, or Public Safety personnel. Faculty and supervisors shall be the last to leave their area.

The Area Emergency Coordinators (AECs) will, to the best of their ability, take assist in the accounting of occupants. This can be done by requesting that groups of "buddies" who evacuated to the shelter area together account for each other. The AECs will notify Public Safety of unaccounted person(s) known to them.

5. All persons will remain at their shelter area until the "ALL CLEAR" is given by Public Safety.
6. All radio users shall be instructed by Public Safety to keep channels clear for emergency communications.
7. The Public Safety dispatcher will continue to monitor the local weather conditions under direction of the IC or Public Safety shift supervisor, and shall broadcast the "ALL CLEAR" status to all Public Safety personnel over the radio, when the Tornado WARNING is canceled. Updates will be

provided to building occupants, when possible, as to the status of the severe weather warning.

8. The Public Safety supervisor will assign Public Safety personnel to notify all persons in each building that the "ALL CLEAR" has been broadcast.

Follow-up

1. The IC will designate someone to review the area or building to ensure that it is safe to return. IC will broadcast an "ALL CLEAR", when the building is safe to enter.
2. The IC will notify the Vice Chancellor for Administration, or designee and the Chancellor that the "ALL CLEAR" has been broadcast and the building is safe.
3. As building and UM-Flint operations return to normal and building occupants return to their respective work areas and classrooms, all individuals need to be aware of the following hazards that may exist:
 - broken glass and other sharp objects
 - electrical wires
 - tripping hazards
 - partial power to equipment
 - chemical hazards
4. Hazards should be reported to your supervisor and to Facilities Management Department at 762-3223. Do not attempt to make any repairs or enter an area in which these hazards are present.
5. If necessary, a salvage team will be assembled by Facilities Management to assess damage and coordinate salvage activities.

SEVERE WEATHER EMERGENCY SHELTER LOCATIONS

In the event that building occupants are asked to seek shelter in the nearest building shelter area, building occupants should go to the following shelter areas:

<u>Campus Building Name</u>	<u>Emergency Shelter Location</u>
University Pavilion (UPAV)	Basement level
Pavilion Annex	Men and women's restroom and basement level of UPAV
French Hall (FH)	Rooms 111, 161, 163, 164, & Building (French Hall) 144 on the first floor in French Hall
Murchie Science Building (MSB)	First floor in east and west wings of MSB away from glass doors and windows as well as
Theater	Restrooms on second floor as well as rooms 111, 161, 163, 164, & 144 on the first floor in French Hall
Harding Mott University Center	Basement level
Recreation Center	Basement level
Frances Wilson Thompson Library	Basement level microforms room
Lapeer Street Annex	Internal corridor away from outside doors and rooms 123 & 127
William S. White Building (WSW)	Move to first and second floor of the Unit 1 and shelter in common hallways, internal offices and classrooms, restrooms, stairwell away from any/all glass windows/doors.
WSW Early Childhood Development Center (ECDC)	Rooms 1159 & 1160 on first floor in main section of the building
Northbank Center (NBC)	Basement Level
Central Energy Plant (CEP)	Basement Level
Student Housing	Move to first floor and shelter in the internal common hallways, internal offices and classrooms, restrooms, stairwell away from any/all glass windows/doors

Designated shelter areas should be equipped with emergency lighting and some means of communicating with Public Safety.

Building shelter areas are shown on the Evacuation Maps posted in your area and labeled with shelter identification signage:

CAMPUS CLOSINGS ~ Suspension of Classes and Scheduled Campus Events

Campus Closings or Suspension of Classes and Scheduled Campus Events due to severe weather, snow, ice, flooding, utility failure, or other emergency conditions, are determined by the UM-Flint Chancellor. The Director of Facilities Management or designee and the Vice Chancellor for Administration, or designee will advise the Chancellor of the specific conditions that exist or the predicted conditions impacting the decision to close the campus.

For public health emergencies involving a potential infectious hazard, communicable disease, or other medical/health related emergency that might require total or partial suspension of campus activities, EHS, UHWC Clinical Director or Campus Health Officer and or the UM Chief Health Officer will provide guidance and recommendations to the Chancellor, or designee and members of the CMT of the specific conditions that exist or the anticipated conditions impacting the decision to close or suspend activities on the campus,

The Chancellor, or appointee, will communicate the decision to close the campus to the Director of University Relations.

Whether the decision to suspend classes, partially close or completely “close” the UM-Flint campus occurs during regular business hours (8am – 5pm) or not, the decision will be communicated through UM-Flint Office of University Relations to the campus community by the following methods:

1. Radio and television stations from several southeastern and mid-Michigan counties are contacted by 6 a.m. the morning of a closing. They broadcast to their listening audience the notification of UM-Flint's campus closing status.

WUOM	WIOG	WEYI	WEYI	WDIV
WWJ	WDZZ	WSGW	WNEM	
WJR	WCRZ	WKCQ	WXYZ	
WWCK	WFBE	WJRT	WJBK	

2. An up-to-date message will be available on the UM-Flint's Mformation Line indicating the status of the campus closing.

The Mformation telephone number is 810-767-1UMF (810-767-1863)

3. An electronic e-mail message will be used to announce the initial closing. Additionally, an e-mail message will also be used to report the status to the campus
4. School closing information will be posted on www.umflint.edu on the home page.
5. Other web sites may also report the campus closing. They include:

- a. www.abc12.com
- b. www.wnem.com
- c. www.wxyz.com
- d. www.wdiv.com
- e. www.wjbk.com

HAZARDOUS MATERIAL SPILL EMERGENCY

This section serves as a guidance document to assist employees as well as outside responding agencies in dealing with hazardous material/waste spill emergencies on UM-Flint property. It incorporates and references other contingency plans that deal with radioactive material issues, but does not replace or supersede those plans.

Definitions

- *Incidental Spill*- A release of hazardous materials that **requires a response effort by employees from the immediate work area** where the released material can be absorbed, neutralized, contained or otherwise controlled at the time of release by employees in the immediate release area, is not considered to be an emergency response within the scope of this policy. Employees responding to incidental releases must receive proper training as part of the Hazard Communication and/or Laboratory Safety Standards (including Chemical Hygiene Plans, as well as training regarding personal protective equipment and spill clean-up procedures).
- *Emergency Release*- An **uncontrolled release** of hazardous materials that **requires an emergency response effort by employees from outside the immediate release area** or by other designated responders to an occurrence (spill, fire, explosion) which results, or is likely to result, in an uncontrolled release of hazardous materials outside the immediate release areas.
- *High Hazard Emergency*- An emergency of unknown nature; a situation which may be **immediately dangerous to life and health**; is a threat to personnel and/or the public; threatens the surrounding area or facility; and/or involves a toxic gas leak, or a toxic, corrosive or reactive hazardous material.
- *Buddy System*- A system of organizing individuals into groups in such a manner that each individual of the group is designated to be observed by at least one other individual in the group. The purpose of the buddy system is to provide rapid and more effective assistance to employees in the event of an emergency. The buddy system is used by emergency responders as well as individuals evacuating an area or building.

Hazardous Material Spill Clean-up Procedures

Any person who discovers an imminent or actual spill or release of hazardous material/waste or suspected hazardous material/waste shall take appropriate action to protect the safety and health of individuals in the area and immediately:

A. Secure the area

When discovering a release of hazardous or suspected hazardous material, promptly notify your supervisor as well as everyone in the immediate area of the situation. Secure the area so that only individuals who have the proper training are admitted. "Caution - Do Not Enter" tape, rope and warning signs may be used to secure spill area.

B. Determine if spill is incidental or an emergency release.

Promptly evaluate the situation and determine whether or not it is an incidental release or an emergency release. If you are unsure whether or not it is an "incidental" or "emergency" release, contact your supervisor. If your supervisor is unavailable, call Public Safety, at 762-3335 or 911 from any campus phone or EHS at 766-6763 for assistance. Once the determination is made, take one of the following actions:

1. *Incidental Spill - Employees Clean Up*

If the spill is of a known material and is determined to be an incidental spill, within the response capabilities of the immediate employees working in the area, then perform the clean up according to your department's spill clean up procedures. Spill control/clean-up equipment is located in several areas across campus, including at each of the shipping and receiving areas. Spill equipment may also be stored in the individual departments. The spill control/clean-up equipment contains basic personnel protective equipment and absorbent materials. Coordinate the packaging, preparation for transportation, transportation and disposal of the hazardous material spill clean up debris with EHS. Keep in mind the following when responding to any spill:

- a. **Protect Yourself.** Before attempting to do any sort of spill clean up activity you are required to wear personal protective equipment and clothing appropriate for the material(s) spilled. Entry into a hazardous situation is contingent upon having the proper training.
- b. Familiarize yourself with the health and safety information contained on the product label and the material safety data sheet (MSDS). Keep the MSDS available during clean up, when possible.

- c. Avoid breathing vapors and having any direct physical contact with the spilled material.
- d. Keep all ignition sources away (i.e., sparking tools and equipment). Have necessary safety and/or fire fighting equipment on hand.
- e. Stop and contain the release of material, if feasible. Do this by shutting down equipment, closing valves, or picking up a fallen container if this can be done safely. Do not operate or shut down equipment for which you are not qualified. Absorbent pads and booms can be utilized to contain and stop the further migration of hazardous material from the immediate spill area.
- f. Using your department's established procedures, clean up spilled material and place in a sealed container with appropriate label(s). Contact the EHS Department to ensure that the appropriate information is contained on the label and for further instructions.
- g. **DO NOT DISPOSE OF SPILL DEBRIS or CONTAMINATED Personal Protective Equipment (PPE) into the general trash, compactor, down a drain or onto the ground. Contact EHS for disposal instructions.**
- h. **DO NOT** call an outside agency to assist in response, unless directed to do so by Public Safety, the IC, or EHS.
- i. Decontaminate and/or properly dispose of any equipment used in the clean up process. Scrub spill area. Clean all spill equipment thoroughly before reuse. Replenish materials used from any spill kit.
- j. Evaluate incident to determine cause of incident, how to prevent future incidents as well as identify what, if any, equipment or procedural changes may be necessary.
- k. Determine whether or not the "reportable quantity" has been released. Notify EHS for assistance and for coordinating any required reports to the appropriate regulatory agencies.

2. Emergency Release- Immediately Notify Public Safety

If the spill is uncontrollable, involves an unknown material, or in a quantity and nature that is beyond the response capabilities of the employees working in the area, immediately contact your supervisor. Your supervisor or you if your supervisor is unavailable, will notify Public Safety at 762-3335 or 911 from any campus phone and express the need for HAZWOPER trained personnel to assist in the spill response activities.

- a. Call Public Safety from a telephone outside the immediate spill area, out of danger, and provide in a clear and concise manner the following information:
 - Your name, title and department.
 - Telephone number where you are located.
 - Your exact location and the location of the incident.
 - Describe the container(s) or equipment that are involved (size, shape, color).
 - Labeling and any other relevant information you can identify from a safe distance.
 - Type of material (solid, liquid, gas, mist).
 - The specific name, if known, of hazardous material(s) and the associated hazard, (benzene, flammable/carcinogen)
 - The estimated quantity of material(s).
 - The estimated rate or flow of released material, i.e., dripping, pouring, "gushing".
 - Injuries or exposures.
Are sewer or storm drains located nearby?
 - The actions taken to contain and secure the situation.
- b. Public Safety will notify the IC or designee, the Safety and Health officer (Environment, Health Safety Manager or designee) and the News and Information Coordinator (Director of University Relations). Additionally, the Director of Facilities Management, or designee, may be notified and asked to coordinate the isolation or control of critical operations such as building ventilation.
- c. The IC or the Safety and Health officer shall determine if the incident is within the scope and capabilities of UM-Flint trained employees present. The IC will establish an Incident Command Post located a safe distance from the spill area.
- d. Untrained person(s) at the scene of the spill who are not involved in the response effort must vacate the affected area at once. The area must be sealed off to prevent further contamination until the arrival of Public Safety, EHS or the Flint Fire Department.

- e. If it is determined by either the IC or Safety and Health officer that it is beyond UM-Flint's capabilities to safely respond to the incident, the Flint Fire Department and or an environmental contractor familiar with campus shall be notified. EHS will maintain a current list of approved environmental contractors.
- f. **At anytime during the response activities, the IC or the Safety and Health officer may declare the situation a High Hazard Emergency and STOP UM-Flint employees from continuing the response efforts if it is believed that they are unable to safely perform the response activities.**
- g. Public Safety shall be responsible for securing the area, as well as initiating and monitoring the safe evacuation of the immediate area, building(s), or the campus, depending on the nature and extent of the spill incident. EHS and Public Safety shall coordinate the notification of outside agencies such as the Local Emergency Planning Committee.
- h. If occupants are evacuated to the outdoors, individuals should be directed to move to a clear area away from the affected building(s). Keep streets, fire lanes, hydrants and walkways clear for emergency vehicles and crews. A campus Incident Command Post may be set up near the emergency site. **The assembly area(s) and the Incident Command Post should be located up-wind, up-hill and up-stream from the spill emergency.** Keep clear of the Command Post, unless you have official business.
- i. Anyone who may be contaminated by the spill is to avoid contact with others as much as possible, remove contaminated clothing, remain in the vicinity but a safe distance from spill incident and provide their names to Public Safety. A safety shower or eyewash should be used as necessary to decontaminate the individual. Contaminated clothing should be held. Contact EHS for instructions on decontamination/disposal.
- j. Trained personnel shall perform required first aid and hazardous material clean up activities.
- k. If other hazards exist (fire, explosion, chemical exposure, personal injury), move to the nearest area of safety and follow the appropriate emergency procedures for the conditions, e.g., building evacuation.

- I. Individuals should not attempt to rescue someone unless they know what hazards exist and know how to properly protect them from the hazard. Do not move an injured person, unless the person is in immediate danger. Provide first aid only if you are properly trained and are willing. **DO NOT BECOME A VICTIM!**
- m. If at all possible, have the material safety data sheets (MSDSs) readily available for emergency response personnel.

C. Radioactive material spills- refer to the Radiation Safety Manual

For radioactive material spills, isolate and contain the spill. Do not spread radioactive contamination beyond the immediate area. **Immediately** contact Todd Toulouse, UM-Flint Radiation Safety Service (RSS) Officer at 762-3144 during normal business hours. After business hours call Public Safety at 911 from any campus telephone or 762-3335.

UM-Flint Radiation Safety Service shall perform the initial clean up and decontamination. If incident is beyond the scope of the UM-Flint Radiation Safety Service, UM Occupational Safety and Environmental Health (OSEH) in Ann Arbor shall be contacted (734-764-6200 or 4420) for further assistance. Refer to the Radiation Safety Manual provided to all UM-Flint Authorized Users.

UM-Flint Radiation Safety Service and Public Safety will immediately notify the Safety and Health Officer (EHS Department) of the radioactive material spill

Remember the effects of exposure to radioactive materials may be reduced by minimizing the **time exposed**, the **distance** between you and the radioactive materials, and providing **shielding** from the source of radiation.

D. Decontamination procedures.

Personnel cleaning incidental chemical spills shall decontaminate or properly dispose of any equipment used in the clean up process. Spill kits shall be restocked after use by the individual(s) that used the kit(s). All contaminated materials generated from a spill clean up shall be properly packaged and given to EHS for disposal.

All personal protective equipment and equipment used in the response shall be decontaminated prior to storage for reuse. If cleaning is not possible, the item shall be properly packaged and given to the EHS Department for disposal. All supplies used in the clean up procedure must be replenished as soon as possible by the individual(s) that used the kit(s).

The EHS Department will deem the site safe for reentry. Upon termination of the incident, Public Safety personnel shall remove all barricade tape and posted signs.

E. Departmental Emergency Response Plans

If working in a department or area with an additional Emergency Response Plan, refer to that plan for special actions to be taken, location of emergency equipment, etc. Be familiar with that plan prior to an emergency.

Follow-up

1. The IC will designate someone to review the area or building to ensure that it is safe to return. IC will broadcast an "ALL CLEAR", when the building is safe to enter.
2. The IC will notify the Vice Chancellor for Administration, or designee and the Chancellor that the "ALL CLEAR" has been broadcast and the building is safe.
3. As building and UM-Flint operations return to normal and building occupants return to their respective work areas and classrooms, all individuals need to be aware of the following hazards that may exist:
 - broken glass and other sharp objects
 - electrical wires
 - tripping hazards
 - partial power to equipment
 - chemical hazards
4. Hazards should be reported to your supervisor and to Facilities Management Department at 762-3223. Do not attempt to make any repairs or enter an area in which these hazards are present.
5. If necessary, a salvage team will be assembled by Facilities Management to assess damage and coordinate salvage activities.

BOMB RELATED EMERGENCIES

If you observe a suspicious object, potential bomb, or have been told of a bomb that is on campus, **DO NOT APPROACH OR HANDLE THE OBJECT**. Clear the area and immediately call Public Safety at 762-3335 or 911 from any campus phone.

Bomb Threat Procedures

A. Any person receiving a phoned in bomb threat should ask the following:

(See *Bomb Threat Report Form*)

1. When is the bomb going to explode?
2. Where is the bomb located?
3. What kind of bomb is it?
4. What does it look like?
5. Why did you place the bomb?
6. What is your name?

B. Keep talking to the caller as long as possible and record the following:

1. Time of call
2. Age and sex of caller
3. Speech pattern, accent, possible nationality
4. Emotional state of caller
5. Background noise
6. Any other relevant information
7. Telephone number called from, if known

C. Report the incident immediately to Public Safety. The Public Safety dispatcher will notify the IC who will notify the following individuals **depending upon their assessment of the threat**:

- Director of Public Safety
- Director of Facilities Management Department, or designee

- Environment, Health and Safety Manager or designee
- Vice Chancellor for Administration or designee
- Chancellor
- Provost or designee
- Director of University Relations

If the situation warrants, Public Safety will notify the following agencies:

- Flint Fire Department
- Flint Police Department
- Michigan State Police Bomb Squad
- Other law enforcement agencies as deemed necessary, e.g. County Sheriff's Department, FBI, BATF, etc.

- D. The IC will assess the circumstances and determine whether an immediate and full evacuation of the building(s) is required. If the conditions warrant, the IC will implement the appropriate emergency notification and evacuation procedures.
- E. DPS will search assembly areas prior to initiating the building evacuation.
- F. Public Safety will alert the building occupants to begin evacuation. Alarms WILL NOT be used to alert occupants due to the possibility of setting off the bomb.
- E. Do not open drawers, cabinets or turn lights or equipment on or off.
- F. Once outside, individuals are required to move to a clear area away from the affected building. Streets, fire lanes, hydrants and walkways must be kept clear for emergency vehicles and crews.
- G. The IC, or Public Safety shift supervisor under the direction of the IC, will:
1. Identify the location of the command post.
 2. Call available Public Safety personnel Command Post. Additional personnel from Facilities Management, EHS, OBE, etc., may be asked to assist DPS in assisting in the response effort and called to base or the incident command post.

3. Tell all Public Safety personnel and other personnel involved in the response effort:
 - a. Turn off all radios and pagers before entering the building.
 - b. Do not touch any suspicious object found in the building. Go outside of the building to report the exact location.
 - c. Limit all radio transmissions to OUTSIDE of the building.
 4. Assign Public Safety personnel to assist in evacuating the building and immediate area(s) adjacent to the effected building(s) as well as securing the building to prevent unauthorized persons from entering the building. Other personnel may be assigned according to their level of training and familiarity with the building and emergency procedures.
 5. Assign Public Safety personnel to search for any suspicious objects in and around the exterior of the building(s). If UM-Flint personnel are assisting in searching for suspicious objects, they should be accompanied, if possible, by a person knowledgeable in recognizing bombs and experienced in bomb emergencies.
- H. Facilities Management Department personnel may be asked by the IC to provide assistance and/or advice concerning mechanical rooms, boiler rooms, penthouse areas, utility tunnels and other areas where access is restricted to Facilities Management Department employees. Facilities Management employees should be advised of the following:
- Turn off all radios and pagers before entering the building.
 - Do not touch any suspicious object found in the building. Go outside of the building to report the exact location.
 - Limit all radio transmissions to OUTSIDE of the building.

Discovery of a Potential Bomb

If a potential bomb is discovered, **DO NOT APPROACH OR HANDLE THE OBJECT.** Clear the area and immediately call Public Safety.

1. The person finding the suspicious object is to immediately evacuate the area and notify Public Safety as to its exact location, description and approximate size.
2. Public Safety Dispatcher will immediately inform the IC, and under the IC's direction, call one or more of the following individuals and agencies:

- Director of Public Safety
 - Director of Facilities Management Department or designee
 - Environment, Health and Safety Manager or designee
 - Vice Chancellor for Administration or designee
 - Chancellor
 - Director of University Relations
 - Flint Fire Department
 - Flint Police Department
 - Michigan State Police Bomb Squad
3. The IC, will assess the circumstances and determine whether an immediate and full evacuation of the building(s) is required. If the conditions warrant, the IC will implement the emergency notification and evacuation procedures. Public Safety will alert the building occupants to begin evacuation. Alarms WILL NOT be used to alert occupants due to the possibility of setting off the bomb.

Bomb Explosion

If a bomb explodes, Public Safety will do the following:

1. Public Safety Dispatcher will immediately notify the IC
2. The IC will secure the building, prohibit individuals from entering or coming near the building(s) in case a second bomb is present.
3. The IC will coordinate/delegate notification of the explosion to the following:
 - Director of Public Safety
 - Director of Facilities Management Department or designee
 - Environment, Health and Safety Manager or designee
 - Vice Chancellor for Administration or designee
 - Chancellor
 - Director of University Relations
 - Flint Fire Department
 - Flint Police Department

- Bureau of Alcohol, Tobacco and Firearms (ATF)
 - Federal Bureau of Investigation (FBI)
 - Michigan State Police Bomb Squad
4. The IC will implement evacuation procedures for the area or building(s) affected. Alarm WILL NOT be used to alert occupants of the evacuation.
 5. Assist medical rescue team(s) to locate and evacuate the injured.

Other emergency procedures will be followed according to incident and conditions (e.g., spill emergency, fire and medical emergency procedures).

Follow-up

1. The IC will designate someone to review the area or building to ensure that it is safe to return. IC will broadcast an "ALL CLEAR", when the building is safe to enter.
2. The IC will notify the Vice Chancellor for Administration or designee and the Chancellor that the "ALL CLEAR" has been broadcast and the building is safe.
3. As building and UM-Flint operations return to normal and building occupants return to their respective work areas and classrooms, all individuals need to be aware of the following hazards that may exist:
 - broken glass and other sharp objects
 - electrical wires
 - tripping hazards
 - partial power to equipment
 - chemical hazards
4. Hazards should be reported to your supervisor and to Facilities Management at 762-3223. Do not attempt to make any repairs or enter an area in which these hazards are present.
5. If necessary, a salvage team will be assembled by Facilities Management to assess damage and coordinate salvage activities.

UM-FLINT BOMB THREAT REPORT FORM

Report Threatening Call to Public Safety IMMEDIATELY at 762 - 3335

THREATENING PHONE CALL

Time and date call Received _____
Exact words of person placing call: _____

QUESTIONS TO ASK:

When is the bomb going to explode? _____
Where is the bomb right now? _____
What does it look like? _____
Why did you place the bomb? _____
What is your name? _____
Where do you live? _____
Call received on Telephone Number _____

DESCRIPTION OF CALLER'S VOICE

Male Female
Tone of voice: _____
Accent (if any): _____
Was the voice familiar? _____

BACKGROUND NOISES

Remarks:

Person receiving/monitoring call:

EARTHQUAKE

During an earthquake, remain calm and follow the steps below:

1. IF INDOOR, seek refuge in a doorway, under a desk or table. Stay away from glass windows, shelves, and heavy equipment.
2. IF OUTDOORS, move quickly away from buildings, utility poles, and other structures. Always avoid power or utility lines as they may be energized.
3. IF IN AN AUTOMOBILE, stop in the safest place available, preferably away from power lines and trees. Stop as quickly as safety permits, but stay in the vehicle for the shelter it offers if no other shelter is available.
4. After the initial shock, evaluate the situation and if emergency help is necessary, call Public Safety at 911 from any campus phone or 762-3335.

PROTECT YOURSELF AT ALL TIMES & BE PREPARED FOR AFTERSHOCKS

5. If hazards resulting from the earthquake should occur such as fires, hazardous material spills, and/or power outages contact Public Safety and follow the appropriate emergency guidelines established in this plan e.g., evacuation procedures.

Follow-up

1. The IC will broadcast an "ALL CLEAR", when the building is safe to enter.
2. The IC will notify the Vice Chancellor for Administration or designee and the Chancellor that the "ALL CLEAR" has been broadcast and the building is safe.
3. As building and UM-Flint operations return to normal and building occupants return to their respective work areas and classrooms, all individuals need to be aware of the following hazards that may exist:
 - broken glass and other sharp objects
 - electrical wires
 - tripping hazards
 - partial power to equipment
 - chemical hazards

4. Hazards should be reported to your supervisor and to Facilities Management at 762-3223. Do not attempt to make any repairs or enter an area in which these hazards are present.
5. If necessary, a salvage team will be assembled by Facilities Management to assess damage and coordinate salvage activities.

VIOLENT OR CRIMINAL BEHAVIOR

UM-Flint has zero tolerance for the violence of one person toward another. Everyone shares in the responsibility of helping make our community a safe place to live, learn and work. We are all asked to assist in making the campus a safe place by being alert to suspicious situations and promptly reporting them.

If you are a victim or observe a criminal act or a suspicious person on campus, immediately **report the incident to Public Safety at 762-3335 or 911** from any campus phone and provide the following:

1. Nature of the incident.
2. Location of the incident.
3. Description of person(s) involved.
4. Description of property involved.

Assist Public Safety when they arrive by supplying them with all available information and ask others to cooperate.

Should there be gunfire or explosives discharged, you should take cover immediately. After the disturbance, seek emergency first aid if necessary. Refer to Secure in Place (Active Shooter) Emergency Guidelines section on page 62 of this ERP)

What to do if you are taken hostage

Public Safety provides the following tips to help you in surviving a situation where you are taken hostage. Contact Public Safety at 762-3335 if you have any further concerns or questions specific to your area.

1. Be patient. Time is on your side. Avoid drastic action.
2. The initial 45 minutes are the most dangerous. Follow instructions, be alert and stay alive. The captor is emotionally unbalanced. Don't make mistakes which could endanger your well being.
3. Don't speak unless spoken to and then only when necessary. Don't talk down to the captor who may be in an agitated state. Avoid appearing hostile. Maintain eye contact with the captor at all times if possible, but do not stare. Treat the captor like royalty.

4. Try to rest. Avoid speculating. Comply with instructions as best you can. Avoid arguments. Expect the unexpected. Displaying a certain amount of fear can possibly work to your advantage.
5. Be observant. When you are released, or when you escape, the personal safety of others may depend on what you remember about the situation.
6. Be prepared to answer the police on the phone. Be patient, wait. Attempt to establish rapport with the captor. If medications, first aid, or restroom privileges are needed by anyone, say so. The captors in all probability do not want to harm persons held by them. Such direct action further implicates the captor in additional offenses.

SECURE IN PLACE (Active Shooter or Similar Police/Security Incident)

An active shooter is a person or persons who appear to be actively engaged in killing or attempting to kill people in populated areas on campus. Active shooter situations are dynamic and evolve rapidly, demanding immediate response by the community and immediate deployment of law enforcement resources to stop the shooting and prevent harm to the community.

In general, how you respond to an active shooter will be dictated by the specific circumstances of the encounter. If you find yourself involved in an active shooter situation, try to remain calm and **CALL 911** from a campus phone or 762-3335 from a non-University telephone as soon as possible.

If an active shooter is OUTSIDE OR INSIDE YOUR BUILDING, you should:

- Try to remain calm.
- Try to warn other faculty, staff, students and visitors to take immediate shelter.
- Proceed to a room that can be locked or barricaded. Lock and barricade doors or windows.
- Turn off lights. Close blinds. Block windows.
- Turn off radios or other devices that emit sound. Silence cell phones.
- Keep yourself out of sight and take adequate cover/protection, i.e. concrete walls, thick desks, filing cabinets.
- Have one person CALL 911 and provide:
 - Your name and location and state that “we have an active shooter on campus, gunshots fired.”
 - If you were able to see the offender(s), give a description and location of the person(s).
 - If you observed any victims, give a description of the location and number of victims.
 - If you observed any suspicious devices (weapons, improvised explosive devices), provide the location and a description.
 - If you heard any explosions, provide a description and location.
- Wait patiently until a uniformed police officer, or a University official known to you, provides an “all clear.”
- An active shooter may try to lure you from safety; do not respond to voice commands until you can verify with certainty that they are being issued by a police officer or University official.
- Attempts to rescue people only should be attempted if rescue can be accomplished without further endangering the persons inside a secured area.
- Depending on circumstances, consideration also may be given to exiting ground floor windows as safely and quietly as possible.

If an active shooter ENTERS YOUR OFFICE OR CLASSROOM, you should:

- Try to remain calm. Try not to do anything that will provoke the active shooter.

- Only as a last resort when it is imminent that your life is in danger, make a personal choice to attempt to negotiate with or overpower the assailant(s) if there is no possibility of escape or hiding.
- Call 911 from a campus phone or 762-3335 from a non-University telephone, if possible, and provide the information listed above.
- Barricade the room or proceed to a safer location if the active shooter(s) leave the area.

If YOU ARE OUTSIDE and encounter an active shooter, you should:

- Try to remain calm.
- Move away from the active shooter or the sounds of gunshot(s) and/or explosion(s).
- Look for appropriate locations for cover/protection, i.e. brick walls, retaining walls, large trees, parked vehicles, or any other object that may stop bullet penetration.
- Try to warn other faculty, staff, students and visitors to take immediate shelter.
- Call 911 and provide the information listed above.

Keeping Updated

If an active shooter situation develops, the University will combine efforts with law enforcement to support them in their efforts to manage the event. The University will provide the most accurate and timely information available to students, faculty, staff and the community through emails, text messages, the University website (www.umflint.edu), PA announcements and the mass media.

Department specific "Secure in Place" Plans

Some departments may need to further evaluate their operations and determine if a department specific lockdown/lockout procedure is needed. DPS and EHS will assist departments in their evaluation of risks and development of their department specific procedures. Additionally, EHS and DPS recommend departments to exercise their procedures. DPS and EHS are willing to schedule drills with departments to test the effectiveness of their "Secure in Place" plans.

INFECTIOUS DISEASE OUTBREAK

An infectious disease outbreak may involve an outbreak of meningitis, tuberculosis, mumps, SARS, avian flu, anthrax, botulism, smallpox, or some other public health problem that could cause significant impact or disruption to a portion or all of the campus community.

1. The UMF Urban Health and Wellness Center (UHWC) Clinical Director and Health Officer will coordinate the University's medical response to any infectious disease outbreak. The Director will coordinate their investigation and response with the UMF Environment, Health and Safety Manager (EHS Manager), or designee. The Director of UHWC will follow the American College Health Association Guidelines relating to infectious disease investigation and response, if appropriate.

2. Upon report of a possible infectious disease outbreak, the Clinical Director and Health Officer will obtain as much information as possible in the type of disease, where the outbreak occurred, and how many people are affected. EHS and or the UHWC will validate infectious hazard information with the Genesee County Public Health Department.

3. The UHWC Clinical Director and Health Officer will assess the situation, work with EHS to validate the information, determine the risk to the campus community, and, if needed, begin preventive measure to limit the spread of the disease. The UHWC Clinical Director and Health Officer will notify the following individuals of the situation:

- √ Vice Chancellor for Student Services, who will, in turn, notify the Chancellor
- √ Provost
- √ Assistant VC for Administration
- √ Environment, Health and Safety Manager
- √ Director of Student Housing
- √ Director of University Relations

4. If a temporary quarantine is deemed necessary, the Department of Public Safety will be contacted and they will secure the area(s).

5. The UHWC Clinical Director, Health Officer and EHS Manager will coordinate with outside agencies, as deemed necessary. This might include, but not limited to the Genesee County Health Department, The State Department of Community Health Services, and the UM AA Chief Health Officer.

6. The UHWC Clinical Director and Health Officer or designee will notify the families of affected students. The Vice Chancellor for Student Services or designee will provide information to the student body, if necessary. Director of Student Housing will provide information to students living in University Residential Housing, if necessary. EHS or the Assistant VC for Administration or designee will provide information to employees.

7. The Director of University Relations will coordinate any media releases and interviews, as necessary. Information related to any widespread infectious disease outbreak will be available on the University of Michigan- Flint's website www.umflint.edu

Information regarding Avian and Pandemic Flu and Business Continuity Planning:

Currently, there are no reported cases of Avian Flu in humans in the US. Additionally, there have been very few cases of human-to-human transmission of Avian Flu suspected in the world. These cases have been reported to be somewhat ambiguous. University departments are encouraged to plan accordingly for the potential extended suspension of classes or campus closure that may accompany the escalation of the avian flu to a pandemic flu condition.

For further information and resources on Pandemic Flu Preparedness Planning, visit the EHS website <http://www.umflint.edu/ehs/Pan%20Flu%20Planning.htm>

PRE - EMERGENCY PLANNING

Departmental Emergency Response Plans

Individual departments must evaluate their operations and responsibilities to determine if additional emergency planning is necessary. Departments must ensure that adequate emergency procedures, training, drills, exercises, personal protective equipment (PPE) and safety equipment are in place to work safely as well as respond safely and effectively to foreseeable emergencies.

Directors and department heads will designate individuals or teams responsible for developing "department-specific" emergency instructions, above and beyond the emergency procedures identified in this document that are unique to that department or work area.

Business Continuity Plans (BCPs)

Background on UM Business Continuity Planning ~ One outcome of the University's successful planning for Y2K was the development of disaster and business continuity planning documents covering a wide variety of emergency situations. We now face a new challenge – the potential for a pandemic disease outbreak. Unlike Y2K, a pandemic disease will not directly impact on the University infrastructure – instead it will impact our most valuable resource – the staff that keep the institution operating and the students that attend.

UM-Flint Departments are asked to review their business processes and update contingency planning for this new threat. Some of the preparedness planning considerations that individual departments are encouraged to consider include employee absenteeism reaching as much as 30-40%, limited availability of critical supplies and resources, travel restrictions, State or County Health Department requiring isolation & quarantined areas as well as restriction of public gatherings or events, mandatory facility closures, non-symptomatic individuals may carry/spread the flu, estimated initial duration of impact to the United States is 6 months to 2 years with subsequent waves of influenza, and lastly, community resources may be diverted from your operation(s).

The Flint Campus has adopted the OSEH's revised Business Continuity Planning (BCP) template as a guide in preparing individual units/departments. The BCP template was distributed by EO's within their respective areas. EHS is available to work with the designated individuals responsible for preparing/completing the BCP template for their unit. University Relations is available to help in the coordination of the communication planning portion of unit's BCP. ITS is available to assist with ITS related planning issues. The Business Continuity Planning (BCP) template can be downloaded from UMF EHS at <http://www.umflint.edu/ehs/Pan%20Flu%20Planning.htm>

Material Safety Data Sheets (MSDS)

Having the appropriate material safety data sheets available to read is essential to being prepared and able to safely and effectively respond at the time of a hazardous material spill. Material safety data sheets must be readily available at or within close proximity to stored hazardous materials. Departments that use hazardous materials are responsible for ensuring that a current MSDS is on file within the department for each hazardous material and a copy (hard copy or electronic copy) is provided to EHS for their files. This means that as new products are purchased and the chemical inventory is updated, a MSDS must be on site and available to the employees working with the materials as well as on file with EHS. See UM-Flint Hazard Communication Program for the material safety data sheets (MSDS) and chemical inventory requirements.

EHS, in cooperation with other departments, have made arrangements with some chemical suppliers to forward copies of the MSDSs directly to EHS. In these circumstances, EHS shall keep a copy of the MSDS and, if the department is known, forward a copy to the department that uses the chemical.

Hazardous Material Chemical Inventory

Departments storing or working with hazardous materials are required to maintain, update (at least annually), and post in a conspicuous location an accurate hazardous material chemical inventory as well as provide a copy to EHS by February of each year. The inventory must include, as a minimum, the following information in a format approved by EHS:

1. Product or Chemical(s) name
2. Manufacturer/supplier's name
3. Chemical Abstract Service # or CAS ID #
4. Size of container(s)
5. Maximum quantity of material on site at any given time
6. Average quantity of material on site at any given time
7. Exact storage location(s)
8. Estimated amount used during the year
9. Name of manufacturer/supplier
10. Indicate if you have a current MSDS on file

Prior arrangements may be made between the EHS Department and other departments providing the chemical inventory to submit the requested information in a different format and/or at a different time. EHS asks departments to maintain their departmental chemical inventories on the **UMF Chemical Inventory Database**, an online chemical database for University departments to track their chemicals, locations and quantities. Visit <http://www.umflint.edu/ehs/Chem%20Inventory.htm>

Laboratory Chemical Inventory

The UM-Flint academic laboratories are unique from other chemical users on campus in that they use and store a large variety of chemicals in small quantities and in numerous sized containers. Additionally, it is not practical to know exactly where, how much and the size of storage containers for all chemicals stored in any particular laboratory. Therefore, the format for reporting of laboratory chemicals will be:

1. Chemical(s) name
2. Manufacturer/supplier's name
3. Chemical Abstract Service # or CAS ID #
4. Storage locations (primary storage area and teaching laboratories)
5. Maximum quantity stored in each location
6. Average quantity stored in each location
7. Name of manufacturer/supplier (this is not required for pure reagent grade chemicals, however, it is for all mixtures).
8. Indicate if you have a current MSDS on file

This information will be provided to the local fire department and the county local emergency management office for their emergency planning purposes. It will also be filed with EHS and available in the event that an emergency should occur in which the emergency responders require chemical information.

Evacuation Maps

Evacuation maps are typically maintained and posted in a conspicuous location for employees and visitors to readily view in the event of an emergency. Generally, evacuation procedures and maps are located near time clocks, employee bulletin boards or near the entry/exit of classrooms, conference rooms, and work areas. Design and installation of evacuation maps will be coordinated through the Facilities Management Department, Public Safety and EHS.

Planning for Emergencies – Back up your Data & Working Remotely.

Here are the top five things all employees should do to ensure that they can work remotely if necessary as part of their continuity planning.

1. Make sure all employees have the Virtual Private Networking (VPN) software and quicknote. This software will allow you to remotely connect to the U of M Flint network and your desktop. See the following quicknote for information on how to set this up. <http://ww2.umflint.edu/its/helpdesk/quicknotes/QN80.pdf>
2. Leave your computer on and enable remote desktop access. This will allow you to remotely connect to your desktop on campus from anywhere (as long as you have setup or know how to setup the VPN).
 1. PC Version - <http://ww2.umflint.edu/its/helpdesk/quicknotes/QN64.pdf>
 2. Macintosh Version - Still being developed.

3. Create an email distribution list of your staff.
<http://ww2.umflint.edu/its/helpdesk/quicknotes/QN94.pdf>
4. Move all documents to H or I drive so they are backed up to tape instead of being stored on the C drive.
5. Change My Documents to H drive.
<http://ww2.umflint.edu/its/helpdesk/quicknotes/QN95.pdf>

TRAINING, DRILLS AND EXERCISES

Department of Public Safety Training

Public Safety personnel will be trained in the Incident Command System structure and how it is implemented on the UM-Flint Campus. Additionally, training will cover how to recognize a hazardous material spill and emergency containment techniques. They will also be trained in AED/CPR and how to properly use fire extinguishers. Designated persons will be trained in their evacuation roles and responsibilities. Written guidelines and assignments will be given to them at that time.

The IC and designee(s) will receive formal IC training.

EHS staff will be trained in hazardous materials spill response and clean up to a level that EHS staff can train Public Safety personnel in recognizing a hazardous material spill, distinguishing between an "incidental spill" and an "emergency release", and either cleaning up a small incidental spill or containing the spill/spill area until EHS employee(s) or off-site hazardous material first responders arrive and take charge of the spill incident. HAZWOPER Training will be offered to select DPS staff through UM OSEH in Ann Arbor.

National Incident Management Systems (NIMS) Training

Individuals involved in responding and coordinating response activities internally and externally with outside emergency response agencies may be required to complete one or more of NIMS online courses 100, 200, 700, and 800 courses depending upon the level of their involvement and degree of directing the University's emergency response efforts.

The Emergency Management Institute (EMI), located at the National Emergency Training Center in Emmitsburg, MD., offers a broad range of NIMS-related training. EMI online courses are located at: www.training.fema.gov/EMIWeb/IS/crslist.asp
NIMS-related Courses Offered online by EMI:

- √ IS-100 ICS-100 An Introduction to ICS
- √ IS-100 ICS-100 An Introduction to ICS for Federal Workers
- √ IS-100 ICS-100 An Introduction to ICS for Law Enforcement Personnel
- √ IS-100 ICS-100 An Introduction to ICS for Public Works Personnel
- √ IS-100 ICS-100 An Introduction to ICS for Healthcare/Hospital Personnel
- √ IS-200 ICS-200 Basic ICS for Single Resources and Initial Action Incident
- √ IS-200 ICS-200 Basic ICS Applying ICS to Healthcare Organizations
- √ IS-700 NIMS An Introduction
- √ IS-701 NIMS Multi-Agency Coordination System
- √ IS-702 NIMS Public Information System
- √ IS-703 NIMS Resource Management
- √ IS-800.A NRP An Introduction

For more information on the Emergency Management Institute, go to the following FEMA website: www.training.fema.gov

New Employee Orientation/Training

UM-Flint employees are encouraged to become familiar with the emergency response plan (ERP). Supervisors are responsible for ensuring that their employees understand what to do in the event of an emergency. Supervisors are responsible for reviewing the following items with each of their employees:

- The contents of the plan
- Primary and secondary evacuation routes
- Location of assembly areas and shelter areas
- Location of fire alarms, extinguishers, safety showers and eye wash units and any other safety equipment
- Procedures for reporting and responding to emergencies
- Familiarizing the employees with the hazards likely to be associated with the work area and protective measures that must be followed

In order to ensure the success of the emergency response plan, supervisors should provide training to their employees at the following times:

- New employee orientation
- Annual plan review
- As the plan or operations change

Contractors

Contractors must become familiar with the Emergency Response Plan to the extent that they may be affected. Specifically, contractors are required to familiarize their employees and sub-contractors with the evacuation routes and shelter areas prior to working in a particular area. Departments hiring the contractors and the Project Managers overseeing the project are responsible for communicating to contractors these expectations. Project Managers should provide Contractors with a copy of the UM Contractor Safety Flipchart and for outdoor work the UM-Flint Contractor Environmental Due Care Notification and signature form.

Evacuation and Taking Shelter Drills

A pre-announced evacuation drill and a pre-announced protective shelter drill for each UM-Flint building must be held at least once each year. Evacuations and drills will be coordinated by Public Safety. It is suggested that the evacuation drill is conducted during the month of October and the protective shelter drills conducted during March or April

Each department is required to participate in the drill. Public Safety personnel will monitor and assist in the coordination of the drill activities. An emphasis shall be placed on evacuating individuals with disabilities. Following the drill, departments are encouraged to perform a self-assessment of their ability to quickly evacuate. Public Safety and EHS will be available upon request to assist in departments' self-assessments.

Drills provide UM-Flint an excellent opportunity to evaluate the effectiveness of the plan. Exercises and drills could include a variety of scenarios involving fire, hazardous materials, medical emergencies, bomb threats, and tornado warnings. However, never take unnecessary risks during a drill or exercise such as carrying an individual with a mobility disability down the stairs.

Periodic Testing of Alarms, Emergency telephones, Lighting, AEDs and Public Address Systems

Public Safety personnel will test the public address systems in each building, where it exists, once each month to ensure that they are operational. The Facilities Management Department must be notified immediately of equipment that requires service.

Public Safety will inspect all campus fire extinguishers monthly and replace those requiring service. Additionally, Public Safety shall assist in the selection and placement of new extinguishers.

Public Safety will test all emergency telephones monthly.

Facilities Management will test safety showers at least every six months.

Each department will be responsible for inspecting and testing their emergency eye wash equipment on a regular basis (at least once every three months). The testing must be documented on the tag provided by Facilities Management Department. The Facilities Management Department must be notified immediately of equipment that requires service.

The Facilities Management Department in conjunction with Public Safety should test at least annually the emergency lighting and emergency power system(s) in each of the UM-Flint buildings to ensure that they are operational.

Departments with AEDs are required to follow the UMF AED Management Program, including routinely inspecting the equipment to ensure it is operational and reporting to DPS and EHS equipment that is no longer working. DPS will monthly inspect the AEDs in accordance with the UMF program.

Fire Prevention (October) and Severe Weather (March-April) Education

EHS in conjunction with Public Safety will distribute fire safety and severe weather planning information to the campus community. When possible, demonstrations shall be scheduled for individuals interested in learning more about safety and health issues.

Public Safety will coordinate and/or provide fire extinguisher training to interested UM-Flint employees.

First Aid and AED/CPR Training

Individuals interested in receiving first aid or AED/CPR training should contact Urban Health and Wellness Clinic (UHWC). Classes are offered routinely.

Hazard Communication Training

EHS offers Hazard Communication (HazCom) training as well as other health and safety training classes routinely for employees who work with hazardous materials. Hazardous materials are broadly defined as any substance that can cause harm to human beings or the environment. Examples of commonly used hazardous materials on the campus are cleaning chemicals, paints, fuel, oils, solvents, adhesives, corrosives, etc. Employees who work with these types of materials should be trained on or before the date that they begin work, annually thereafter and when new hazards are introduced in the workplace.

The purpose of this training is to provide employees with the basics of identifying, safely handling, storing and arranging for disposal of hazardous materials. A brief discussion of "Universal Precautions" and basic recognition and understanding of bloodborne pathogens as well as a discussion of emergency preparedness.

Additional specific departmental training is usually required and is provided by the employee's supervisor or designated trainer.

Visit the EHS website for more information on health and safety training <http://www.umflint.edu/ehs/EHS%20Training.htm> Contact EHS at 766-6763 to make arrangements for health and safety training.

PLAN REVIEW AND AMENDMENTS

The Campus Emergency Response Plan will be periodically reviewed by Public Safety and EHS and amended as needed. The frequency of the plan review will be determined as follows:

- An annual review will occur to determine if significant changes to the facilities, personnel, operations, or materials used and stored have changed to such a degree that change and amendment of the action plan are necessary.
- A review will be completed when significant changes, of the facilities design, construction, operation, maintenance, which increase the potential for fire, explosion, releases of hazardous material or the response necessary in an emergency occur.
- An amendment will be made if the emergency response personnel or their responsibilities change.
- The effectiveness of the plan will be reviewed following an emergency that requires implementing the plan. The IC and EHS shall coordinate the review of the plan implementation following such an emergency.

PLAN DISTRIBUTION LIST

The following is a list of individuals and departments that will receive copies of the plan and any updates. Additionally, a copy of the ERP document will be available in electronic format on the UM-Flint EHS homepage for the entire campus to download/print.

- √ Chancellor
- √ Provost
- √ Vice Chancellors
- √ Director of Public Safety
- √ Director of University Relations
- √ Environment, Health and Safety Department
- √ UM-Flint UHWC Director/Health Officer
- √ Director of Facilities Management Department
- √ City of Flint Fire Department
- √ City of Flint Police Department
- √ Genesee County Emergency Management and Homeland Security
- √ Office of General Counsel, UM-Ann Arbor
- √ OSEH, UM-Ann Arbor
- √ Risk Management, UM-Ann Arbor
- √ UM Chief Health Officer

EMERGENCY PLANNING RESOURCES

Although this emergency response planning document is comprehensive in nature, there are several other supporting documents that address a variety of emergency preparedness and response related activities. Be sure that when your department and staff are preparing for and or responding to an emergency that these other requirements and planning documents are considered and when and where appropriate complied with.

Other UM-Flint planning and response related documents and programs:

- √ Spill Prevention Control and Countermeasure (SPCC) and Pollution Incident Prevention Plan (PIPP)
- √ UMF Hazardous and Special Waste Guidelines
- √ UM Hazard Communication
- √ Bloodborne Pathogens Program
- √ Respiratory Protection Program
- √ UMF Campus Chemical Hygiene Plan (CHP)
- √ AED Management Program
- √ Medical Emergency Poster
- √ Work Connections Accident and Injury Report Form
- √ UM Business Continuity Planning Template and related documents
- √ UMF Office of Study Abroad Managing Emergencies Abroad (draft document)
- √ Check with supervisor or department head for specific emergency planning and response documents or call out lists developed for your area/department.
- √ Michigan HB 4460

Links and Resources

For additional information and resources on emergency management and preparedness planning check out the following University of Michigan websites:

UM-Flint, Environment, Health and Safety:

www.umflint.edu/ehs/

UM-Flint, Department of Public Safety:

www.umflint.edu/safety/

UM Ann Arbor, OSEH Emergency Management:

www.oseh.umich.edu/emergencymanagement.html

UM Ann Arbor, Department of Public Safety:

www.umich.edu/~safety/

ACRONYMS

AEC	Area Emergency Coordinator
BBP	Bloodborne Pathogens
CPR	Cardiopulmonary Resuscitation
EHS	Environment, Health and Safety Department
ERP	Emergency Action Plan
DOT	U.S Department of Transportation
EPA	United States Environmental Protection Agency
ERP	UM-Flint Emergency Response Plan
FFD	Flint Fire Department
FWT	Frances Willson Thompson Library
CEP	Central Energy Plant
CO2	Carbon dioxide
FH	French Hall
HVAC	Heating, Cooling and Air conditioning
IC	Incident Commander
ICS	Incident Commander System
ICP	Incident Command Post
IDLH	Immediately Dangerous to life and health
LSA	Lapeer Street Annex
MIOSHA	Michigan Occupational Safety and Health Administration
MSB	Murchie Science Building
MSDS	Material Safety Data Sheet
NIMS	National Incident Management System
OSEH	UM-Ann Arbor, Occupational Safety and Environmental Health
OSHA	Occupational Safety and Health Administration
PA system	Public Address System
PPE	Personal Protective Equipment
REC Center	Recreation Center
SPG	Standard Practice Guide
UMF	The University of Michigan -Flint
UPAV	University Pavilion
UCEN	Harding Mott University Center