

<b>University of Pittsburgh Safety Manual</b>	<b>EH&amp;S Guideline Number: 01-017</b>	
<b>Subject: AUTOMATED EXTERNAL DEFIBRILLATOR (AED) GUIDELINES</b>	Effective Date: 05/04/15 Review Date: 04/01/22	Page 1 of 7

## **AUTOMATED EXTERNAL DEFIBRILLATORS (AED)**

Each year in the United States there are about 10,000 sudden cardiac arrests at work. These government statistics also reveal that waiting for the arrival of emergency medical personnel results in a 5-7% survival rate, while immediate defibrillation (within 3-5 minutes) can increase survival rates significantly.

The University of Pittsburgh Police Department has equipped each of its patrol cars with an AED. Each University Police Officer has been trained in CPR and the use of the AED. Once an emergency call is placed on campus, a University Police Officer will arrive at the scene within minutes.

In the event that you identify an individual on Campus who appears in need of emergency medical attention, contact the University Police at 412-624-2121. In addition to dispatching a University Police Officer, the University Police will contact City of Pittsburgh Emergency Medical Services.

Even though access to AED's across the Pittsburgh Campus is adequate via the University Police, there are certain buildings on campus, which are equipped with AED's. These are facilities where large numbers of individuals may be assembled, or high-rise buildings where response time is hindered by elevator access.

As public awareness of the AED increases, your department or building may receive requests for AED access. Please inform requesting parties of this information.

The Department of Environmental Health and Safety is available to answer questions regarding AED's. Any University of Pittsburgh department or school considering procurement of an AED is strongly encouraged to contact the Department of Environmental Health and Safety (412-624-9505).

The following guidelines must be carefully reviewed prior to making an independent decision regarding procurement of an AED for your building, department or school. These guidelines are based upon requirements defined in PA Title 42, Section 8331.2 "Good Samaritan Civil Immunity for Use of Automated External Defibrillators" and AED manufacturer recommendations. Any University of Pittsburgh department or school considering procurement of an AED is strongly encouraged to contact the Department of Environmental Health and Safety (412-624-9505). EH&S will provide direction on AED procurement and assist in maintaining the AED as described below.

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Subject: <b>AUTOMATED EXTERNAL DEFIBRILLATOR (AED) GUIDELINES</b>	Effective Date: 05/04/15 Review Date: 04/01/22	Page 2 of 7

- 1 If an AED is placed in a building by a school or department, the school or department should designate a volunteer emergency response team with a minimum of five building occupants.
- 2 Any employee expected to use an AED as part of their employment, such as Pitt Police Officers and Athletic Department trainers must be trained in CPR and the use of an AED consistent with either Red Cross or American Heart Association guidelines
- 3 It shall be the responsibility of the building's emergency response team or their designee to check the AED for integrity *each day* the building is open for business. This involves verification that the AED is present and fully charged for service
- 4 If an AED is placed in a building by a school or department, it is the responsibility of the school or department to notify all building occupants as to the location of the AED. Building occupants must also be informed that in the event of a sudden cardiac arrest, they should contact the University Police at 412-624-2121 to request emergency medical services BEFORE administering assistance with the AED
- 5 If an AED is placed in a building by a school or department, the presence of the AED should be incorporated into any existing emergency response plan for the building. The plan should identify the AED location, the building's emergency response team and the protocol on emergency services notification. The plan should be reviewed annually and revised accordingly by the department or school providing the AED
- 6 All AED's should be placed in areas readily accessible to the public. All AED locations shall be conspicuously identified
- 7 All AED's shall be equipped with adult electrodes, which must be replaced prior to expiration. If a significant number of young children regularly utilize a facility, pediatric pads should be considered.
- 8 All AED's should be stored in cases with transparent front panels. This permits easy inspection of the units. It is also recommended that the case be equipped with a local audible alarm that signals when the equipment is accessed. Procurement and installation of the AED, electrodes, signage and storage case shall be the responsibility of the department.
- 9 All AED's at the University of Pittsburgh must be registered with the Department of Environmental Health and Safety, so that an inventory of AED's on campus can be maintained and compliance with regulatory and training requirements can be assured.

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EH&S will perform annual integrity checks of AED's in campus buildings and audits of response team training.

- 10 A prescription from a credentialed physician is required to purchase an AED. EH&S can assist with the obtaining the necessary prescription.
  
- 11 For consistency and standardization, it is recommended that all AED's for placement at the University be manufactured by Cardiac Sciences. The University pricing for AED's is significantly less than current market prices and they are available through the Panther Buy program. The process for purchasing an AED's and AED accessories in the PantherBuy system is quick and easy. Fisher Scientific has created a "Hot List" of all AED Program approved AED's and accessories. The PantherBuy website has all the details.  
<http://www.pantherbuy.pitt.edu/ehs.php>
  
- 12 All AED's must be tested and maintained according to the manufacturer's guidelines. For equipment manufactured by Cardiac Sciences, EH&S will provide and document the annual integrity check, as indicated above. For equipment other than Cardiac Sciences, all testing and maintenance must be documented and shall be the responsibility of the department or school providing the AED.

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AED's are located in the following areas on campus:

<b>Building</b>	<b>Floor</b>
128 N. Craig	Basement level hallway
32 Oak Hill	Laboratory
3343 Forbes Avenue	Main Entrance - Lobby
3512 Fifth Avenue	1st floor - Room 105
Alumni Hall	1st floor - Near Elevators
Alumni Hall	3rd floor hallway
Alumni Hall	7th floor hallway
Barco Law Building	2nd floor - Near Elevators
Barco Law Building	4th floor - Near Elevators
Bellefield Hall	Main Entrance - Guard Station
Bellefield Professional Building	3rd floor - Suite 330
Bellefield Professional Building	3rd floor - Room 320 (Ultrasound Lab)
Bellefield Professional Building	4th floor - Epidemiology
Bellefield Professional Building	4th floor - Epidemiology
Benedum Hall	3rd floor - Near Elevators
Benedum Hall	12th floor - Near Elevators
Benedum Hall	Ground floor - Library
Benedum Hall	1st floor lobby - Near Elevators
Benedum Hall	4th floor - Near Elevators
Benedum Hall	6th floor - Near Elevators
Benedum Hall	10th floor - Near Elevators
Benedum Hall	8th floor - Near Elevators
Benedum Hall	Sub-Basement Level - Near Elevators
Benedum Hall	2nd floor - Near Elevators
Biomedical Science Tower 3	1st floor - Guard Station
Biomedical Science Tower 3	8th floor - RBL
Biomedical Science Tower 3	6th floor - Near Elevators
Bridgeside Point 1	4th floor - Suite 400
Bridgeside Point 1	2nd floor - Suite 210
Bridgeside Point 1	1st floor Physical training room
Bridgeside Point 1	4th floor - Room 470
Bridgeside Point 1	3rd floor hallway
Bridgeside Point 1	2nd floor - Room 210
Cathedral of Learning	Ground level - Near Elevators

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<b>Subject: AUTOMATED EXTERNAL DEFIBRILLATOR (AED) GUIDELINES</b>	Effective Date: 05/04/15 Review Date: 04/01/22	Page 5 of 7

Cathedral of Learning	18th floor - Near Elevators
Cathedral of Learning	33rd floor - Near Elevators
COST	Main Entrance - Guard Station
Craig Hall	Main Entrance - Lobby
Eureka Building	1st floor Hallway
Falk School	Main Entrance - Lobby
Fitzgerald Fieldhouse	Main Entrance - Track
Fitzgerald Fieldhouse (Athletics Department)	1st floor - Physical training room
Forbes Tower	4th floor hallway
Forbes Tower	5th floor - Room 5054
Forbes Tower	5th floor hallway
Forbes Tower	6th floor hallway
Graduate School of Public Health (Crabtree)	2nd floor - Near Elevators
Graduate school of Public Health (Crabtree)	4th floor - Near Elevators
Graduate school of Public Health (Crabtree)	6th floor - Near Elevators
Graduate school of Public Health (Crabtree)	7th floor - Near Elevators
Graduate School of Public Health (Parran)	4th floor - Pavilion Entrance
Graduate School of Public Health (Parran)	1st floor - Upper Auditorium
Graduate School of Public Health (Parran)	1st floor - Starbucks area
Graduate School of Public Health (Parran)	3rd floor hallway
Graduate School of Public Health (Parran)	Ground floor - Fifth Avenue main lobby
Graduate School of Public Health (Parran)	1st floor - Room 114
Graduate School of Public Health (Parran)	2nd floor - Pavilion Entrance
Graduate School of Public Health (Parran)	3rd floor - Pavilion Entrance
Hillman Library	Ground level - Lower Entrance
Keystone Building (3520 Fifth Avenue)	4th Floor - Near elevator
Litchfield Towers	Market Central Entrance - Bottom of stairs
Melwood Maintenance Building	Lunchroom
Mervis Hall	1st floor - Room 106
Nordenberg Hall	2nd floor - Student Health 500.31
Petersen Events Center (Athletics Department)	Gymnastics area
Petersen Events Center (Athletics Department)	Physical training room
Petersen Events Center (Athletics Department)	Physical training room
Petersen Sports Complex (Athletics Department)	Physical trainer office
Peterson Events Center	Loading Dock - Guard Station
Peterson Events Center	Baierl Level
Peterson Events Center	Food Court Level

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Peterson Events Center	Club Level
Peterson Sports Complex (Baseball and Soccer field)	Family restroom
Posvar Hall	5th floor - Hallway Near 5900
Posvar Hall	5th floor - Hallway Near 5309
Posvar Hall	4th floor - Hallway Near 4301
Posvar Hall	2nd floor - Near Einstein's
RIDC Park	Lunchroom
Rivertech (3820 South Water St)	Front Desk
Rivertech (3850 South Water St)	Laboratory
Rivertech (3860 South Water St)	Laboratory
Rivertech (3860 South Water St)	Laboratory
Ruskin Hall	1st floor - Parking office hallway
Salk Hall	3rd floor - Room 371
Salk Hall	2nd floor - Room 2078
Salk Hall	3rd floor - Room 309
Salk Hall	4th floor - Room 440 (Dean's Office)
Salk Hall	Basement level - Room B11
Salk Hall	Ground floor - Room G85
Salk Hall - IMS	3rd floor - Room 3112
Scaife Hall	2nd floor - Falk Library - Main Entrance.
Schenley Plaza	1st floor - Suite 110
Sennott Square	2nd floor - Near Elevators
Sennott Square	3rd floor - 3510 laboratory
Southside Sports Complex (Athletics Department)	Physical training room
Southside Sports Complex (Athletics Department)	Weight Training Room
Sports Dome	Main Entrance to Sports Dome
Stephen Foster Memorial	Theater lower level - Lobby
Sutherland Hall	2nd floor - Cafeteria
Thackeray Hall	1st floor hallway - Room 127
Thomas Boulevard	Surplus Office
Trees Hall	Basement level - Room A149B
Trees Hall	1st floor hallway - Room 101
Trees Hall (Athletics Department)	Physical trainers office
University Child Development Center	Main Entrance - Office
University Club	2nd floor hallway
University Club	Basement Level - Fitness Area
Victoria Hall	4th floor hallway

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Victoria Hall	3rd floor hallway
Victoria Hall	2nd floor hallway
Victoria Hall	1st floor hallway
William Pitt Union	Ground floor - Main Lobby wall