Fire and other Emergency Procedures

Carslaw Building
F07

EMERGENCY CONTACT NUMBERS

<table>
<thead>
<tr>
<th>Service</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire, Ambulance, Police</td>
<td>0-000</td>
</tr>
<tr>
<td>Security Patrol</td>
<td>9351-3333</td>
</tr>
</tbody>
</table>

Date: November 2013
Review Date: May 2014

Copies to: All ECO Personnel
Heads of Department within the Building
WHS Unit
| Emergency control organisation | page 3 |
| Building characteristics       | page 4 |
| Plausible emergencies          | page 4 |
| General evacuation procedures – all staff, students and visitors | page 5 |
| Evacuation procedures – emergency control organisation (ECO) | page 6 |
| Medical emergency              | page 7 |
| Bomb threat                    | page 8 |
| Gas leak                       | page 9 |
| HAZMAT incident                | page 10 |
| Emergency lockdown             | page 12 |
| People with disabilities       | page 13 |
| APPENDIX A – Emergency signage – including assembly area diagram | page 14 |
| APPENDIX B - Phone threat checklist | page 22 |
### EMERGENCY CONTROL ORGANISATION (ECO)

<table>
<thead>
<tr>
<th>Department Name</th>
<th>Head of Department</th>
<th>Department Representative</th>
</tr>
</thead>
<tbody>
<tr>
<td>School of Biological Sciences</td>
<td>Prof Robyn Overall</td>
<td>Michael Joseph</td>
</tr>
<tr>
<td>Faculty of Science</td>
<td>Prof Trevor Hambley</td>
<td>Brooke White</td>
</tr>
<tr>
<td>CFBS Finance</td>
<td>Greg Robinson</td>
<td>Tom Sapina</td>
</tr>
<tr>
<td>Institute of Teaching and Learning (ITL)</td>
<td>Simon Barrie</td>
<td>Jennifer Ungaro</td>
</tr>
<tr>
<td>Mathematics Learning Centre (MLC)</td>
<td>Jackie Nicholas</td>
<td>Jackie Nicholas</td>
</tr>
<tr>
<td>School of Physics</td>
<td>Prof Tim Bedding</td>
<td>Barry Napthali</td>
</tr>
<tr>
<td>School of Mathematics and Statistics</td>
<td>Prof Neville Weber</td>
<td>Ivana Crossley</td>
</tr>
<tr>
<td>Unit for History and Philosophy of Science</td>
<td>A/Prof Dominic Murphy</td>
<td>Debbie Castle</td>
</tr>
<tr>
<td>Carslaw Precinct Officers</td>
<td>Dennis Hong</td>
<td>Dennis Hong</td>
</tr>
<tr>
<td>Security Service</td>
<td>Morgan Andrews</td>
<td>Morgan Andrews</td>
</tr>
</tbody>
</table>

#### Chief Warden

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Ph.</th>
<th>Mobile</th>
<th>Email</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Susan Liddell</td>
<td>Maths &amp; Stats</td>
<td>14533</td>
<td></td>
<td><a href="mailto:susan.liddell@sydney.edu.au">susan.liddell@sydney.edu.au</a></td>
<td>Level 5, room 524</td>
</tr>
<tr>
<td>(Dep.) Katie Jakes</td>
<td>Biological Sciences</td>
<td>14262</td>
<td></td>
<td><a href="mailto:kathryn.jakes@sydney.edu.au">kathryn.jakes@sydney.edu.au</a></td>
<td>Level 5, room 519</td>
</tr>
</tbody>
</table>

#### First Aid Officers

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Ph.</th>
<th>Mobile</th>
<th>Email</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kristl Mauropoulos</td>
<td>Science Marketing &amp; Communication Unit</td>
<td>13135</td>
<td></td>
<td><a href="mailto:kristl.mauropoulos@sydney.edu.au">kristl.mauropoulos@sydney.edu.au</a></td>
<td>Level 1</td>
</tr>
<tr>
<td>Barry Napthali</td>
<td>Physics</td>
<td>12958</td>
<td></td>
<td><a href="mailto:barry.napthali@sydney.edu.au">barry.napthali@sydney.edu.au</a></td>
<td>Level 4, room 406</td>
</tr>
<tr>
<td>Brooke White</td>
<td>Dean’s Office</td>
<td>14123</td>
<td></td>
<td><a href="mailto:brooke.white@sydney.edu.au">brooke.white@sydney.edu.au</a></td>
<td>Level 4, room 428</td>
</tr>
<tr>
<td>Lucy Kennedy</td>
<td>Maths &amp; Stats</td>
<td>15787</td>
<td></td>
<td><a href="mailto:lucy.kennedy@sydney.edu.au">lucy.kennedy@sydney.edu.au</a></td>
<td>Level 5, room 520</td>
</tr>
</tbody>
</table>

#### Wardens

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Ph.</th>
<th>Area of Control</th>
<th>Email</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matthew Austin</td>
<td>Biological Sciences</td>
<td>12955</td>
<td>Level 1 Biological Sciences Area &amp; classrooms</td>
<td><a href="mailto:matthew.austin@sydney.edu.au">matthew.austin@sydney.edu.au</a></td>
<td>Level 1, room 106A</td>
</tr>
<tr>
<td>Julie Beesley</td>
<td>Audio Visual Services - ICT</td>
<td>17014</td>
<td>Level 1 AV - ICT</td>
<td><a href="mailto:julie.beesley@sydney.edu.au">julie.beesley@sydney.edu.au</a></td>
<td>Level 1, room 163</td>
</tr>
<tr>
<td>Zinnia Sahukar</td>
<td>Science Marketing &amp; Communication Unit</td>
<td>40827</td>
<td>Science Marketing &amp; Communication Unit</td>
<td><a href="mailto:zinnia.sahukar@sydney.edu.au">zinnia.sahukar@sydney.edu.au</a></td>
<td>Level 1</td>
</tr>
<tr>
<td>Precinct Officers</td>
<td>Carslaw Precinct Officers</td>
<td>13630</td>
<td>Levels 1 &amp; 2 - Centrally Booked Lecture Theatres &amp; Tutorial Rooms</td>
<td><a href="mailto:dennis.hong@sydney.edu.au">dennis.hong@sydney.edu.au</a></td>
<td>New Law 023</td>
</tr>
<tr>
<td>Paul Harvey</td>
<td>Faculty of Science, Finance/HR</td>
<td>13513</td>
<td>Level 2 Finance/HR</td>
<td><a href="mailto:paul.harvey@sydney.edu.au">paul.harvey@sydney.edu.au</a></td>
<td>Level 2, room 210</td>
</tr>
<tr>
<td>Class supervisor for session</td>
<td>Biological Sciences</td>
<td></td>
<td>Level 3 Biology teaching laboratories</td>
<td></td>
<td>Level 3, rooms 301-308</td>
</tr>
<tr>
<td>Brooke Fuz</td>
<td>Institute for Teaching &amp; Learning</td>
<td>14821</td>
<td>Level 3, new wing</td>
<td><a href="mailto:b.fuz@usyd.edu.au">b.fuz@usyd.edu.au</a></td>
<td>Level 3, room 387</td>
</tr>
<tr>
<td>Jennifer Ungaro</td>
<td>Institute for Teaching &amp; Learning</td>
<td>15810</td>
<td>Level 3, new wing</td>
<td><a href="mailto:jennifer.ungaro@sydney.edu.au">jennifer.ungaro@sydney.edu.au</a></td>
<td>Level 3, room 389</td>
</tr>
</tbody>
</table>
### BUILDING CHARACTERISTICS

<table>
<thead>
<tr>
<th>Fire detection / protection</th>
<th>yes/no</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sprinkler system</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Smoke detectors</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Thermal detectors</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Fire isolated stairs</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Emergency warning system</td>
<td>Yes</td>
<td>EWIS</td>
</tr>
<tr>
<td>Emergency Communication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency control point</td>
<td>Yes</td>
<td>Front of Carslaw</td>
</tr>
<tr>
<td>Assembly area</td>
<td>Yes</td>
<td>In front of the New Law School</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Building Use</th>
<th>yes/no</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centrally booked teaching space</td>
<td>Yes</td>
<td>Throughout – concentrated on Levels 1 and 2</td>
</tr>
<tr>
<td>Computer laboratories</td>
<td>Yes</td>
<td>Throughout</td>
</tr>
<tr>
<td>Local teaching space</td>
<td>Yes</td>
<td>Throughout</td>
</tr>
<tr>
<td>Wet laboratories</td>
<td>Yes</td>
<td>First year Biology – Level 1, Level 3</td>
</tr>
<tr>
<td>Workshops</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Library</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Clinical treatment area</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Office space</td>
<td>Yes</td>
<td>Throughout</td>
</tr>
</tbody>
</table>

Chemicals, biological materials and radiation are often used during teaching and research activities. These activities may increase the likelihood of building emergencies and the risk associated with responding to those emergencies. Following are some summary details. Refer to the Dangerous Goods Building Manifest (Appendix D) for further information.
<table>
<thead>
<tr>
<th>Hazardous materials</th>
<th>yes/no</th>
<th>Summary details</th>
</tr>
</thead>
</table>
| Chemicals          | Yes    | 301-302-307-308: Chemicals in small volumes (<250 Kg/L in total)  
|                    |        | Room 100-119: Chemicals in small quantities (<250 kg/L total).  
|                    |        | Liquids 116, 117, 115: Solvents in Flammable Liquid Cabinets.  
|                    |        | Solids 107  
|                    |        | Contact: Matthew Austin 12955 (Matthew Day - 14486) |
| Biological – pathogens / GMOs | Yes | Level 4 Potting Shed, outside Faculty Office, near greenhouse: Small volumes of pesticides and potting mixtures.  
|                    |        | Contact Matthew Austin 12955 (Matthew Day - 14486) |
| Radiation          | No     | None |

**PLAUSIBLE EMERGENCIES**

Some emergencies are inevitable. They can occur at any time, and can arise from a number of causes including fire, medical emergencies, chemical spills, gas leaks, bomb threats and physical threats.

<table>
<thead>
<tr>
<th>Previous building emergencies</th>
<th>Other plausible building emergencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>No major building emergencies – just egress issues surrounding the building (and loading dock) during construction</td>
<td>Electrical Fire</td>
</tr>
<tr>
<td>Gas leak</td>
<td>Bomb Threat (during exam period)</td>
</tr>
</tbody>
</table>
Evacuation procedures – all staff, students & visitors

ALARMS

BEEP....BEEP .... Prepare to evacuate
1. Check for any sign of immediate danger
2. Shut down equipment and processes
3. Collect any nearby personal items.

WOOP....WOOP… Evacuate the building
1. Follow the EXIT signs
2. Escort visitors & those who require assistance
3. Do not use lifts
4. Proceed to the assembly area.

EMERGENCY RESPONSE

1. Warn anyone in immediate danger
2. Fight the fire or contain the emergency, if safe & trained to do so.

If necessary...
3. Close the door, if safe to do so

4. Activate a “Break Glass” Alarm

5. Evacuate via your closest safe EXIT

6. Report the emergency 0-000 & 1-3333.
Evacuation procedures – EMERGENCY CONTROL ORGANISATION (ECO)

WARDENS

1. Assess the situation and initiate a local response. If in doubt, commence an evacuation. 

   **BEEP....BEEP....** Prepare to evacuate

2. Check for any sign of immediate danger (fire, smoke, chemical fumes etc.)
3. Check the exit paths are clear
4. Tell people what is happening.

   **WOOP....WOOP...** Evacuate the building

5. Direct the building occupants to evacuate the building via the closest safe exit
6. Search for stragglers or injured persons, if safe to do so
7. Report to the Chief Warden
8. Evacuate via the closest safe exit
9. Prevent re-entry to the building and assist with crowd control.

CHIEF WARDEN

1. Go to the emergency control point
2. Ascertain the nature and location of the emergency (via EWIS/FIP panel and warden reports)
3. Coordinate the evacuation
4. Ensure that the Emergency Services and Security have been notified
5. Delegate actions to others
6. Liaise with the wardens, First Aid Officers, Security and Emergency Services Personnel
7. Announce when the emergency is over.

FIRST AID OFFICERS

1. Evacuate via the closest safe exit
2. Report to the Chief Warden
3. Provide First Aid as required.

ENTRANCES AND EXITS

Some building entrances and exits provide a means of access for staff, students or visitors to enter/re-enter the building during an emergency. All possible entry points must be identified and supervised during an emergency evacuation to prevent any accidental entry or unauthorised re-entry.

<table>
<thead>
<tr>
<th>Entry Point</th>
<th>Warden Responsible</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carslaw main entrance (on Eastern Ave)</td>
<td>Precinct Officers</td>
</tr>
<tr>
<td>Northern entrance to lecture theatres</td>
<td>Precinct Officers</td>
</tr>
<tr>
<td>Carslaw- Barff Road</td>
<td>Level 1 Wardens</td>
</tr>
</tbody>
</table>
Procedures – Medical Emergency

If a person is seriously injured or ill, the following procedures should be followed.

PERSON WHO DISCOVERS THE INJURED OR ILL

1. Call an ambulance 0-000
2. Notify the closest First Aid Officer¹
3. Notify Security that an ambulance has been called 1-3333²
4. Send staff to the main entrances of the building to meet the Ambulance Officers on arrival.

FIRST AID OFFICER

Provide first aid assistance as required.

UNIVERSITY HEALTH SERVICE

For less serious medical conditions, the University Health Service offers a general practitioner and "walk in" service for staff, students and visitors on the Camperdown/Darlington Campus. Priority is given to emergencies or those in pain or distress. The University Health Service is located at Level 3 Wentworth Building (G01) Phone 1-3484 and Entry Level Holme Building (A09) Phone 1-4095.

¹ All Security Patrol Officers are trained in First Aid. If necessary, Security Patrol can be contacted on 1-3333 to provide after-hours First Aid treatment on the Camperdown, Darlington, Mallet Street and Rozelle campuses.
² Security will re-contact the 000 service to provide any additional details and/or notify all gatekeepers of the emergency.
Bomb threat

Bomb threats are usually received via a telephone call, but occasionally as a written threat. The response to a bomb threat is often different to other emergencies. The University Security Service will work with the NSW Police to decide the best course of action. If a search or evacuation is deemed necessary, the ECO may be asked to assist the process.

PERSON WHO RECEIVES THE THREAT

1. Do not hang up the phone – leave the line open
2. Use the phone threat checklist (APPENDIX B) to record as much information as possible
3. Notify Security (1-3333) and local management.

SECURITY

1. Notify the NSW Police
2. Work with the NSW Police and local management to assess the threat
3. Decide the best course of action
4. If an evacuation is required, ensure that the assembly area and exit paths are free of suspicious items.

EMERGENCY CONTROL ORGANISATION (ECO)

Work with Security and the NSW Police as instructed

BUILDING OCCUPANTS

1. Follow instructions from Security, NSW Police or the ECO
2. On request, check the immediate work area for anything suspicious
3. If requested, collect your personal belongings and evacuate as directed
4. Report suspicious items to Security, NSW Police or the ECO

Note

Suspicious items should be identified by placing a plain piece of A4 paper with the word “suspicious” adjacent to the item, without touching the item itself.
Gas leak

Many of the University's buildings are serviced by natural gas. A significant gas leak, associated with equipment failure or damage to a high pressure gas line, may have an impact on the safety of the building occupants.

In the event that gas can be smelt inside a building.

**BUILDING WARDENS AND/OR LOCAL SUPERVISORS**

1. Eliminate ignition sources
2. Evacuate all staff, students and visitors to a well ventilated area
3. Notify Security 1-3333 and the Chief Warden

**CHIEF WARDEN**

1. Check if other areas of the building are affected
2. Liaise with Security and Campus Infrastructure Services (CIS) 1-7838

    If necessary...
3. Manually activate evacuation procedures
4. Ensure that the Emergency Services have been notified.

---

3 **Gas leak** - it is important to check that the normal assembly area is safe, i.e. not impacted by the gas leak.
Hazardous material (HAZMAT) incident

Chemicals, compressed gases, biological agents and radiation are all used at the University. These substances are generally stored and used in laboratories, workshops and dangerous goods depots.

The individual departments and workgroups that store or use these substances are required to implement appropriate local emergency procedures to manage incidents involving those hazardous substances. Although hazardous substances are usually stored and used in small quantities, an accidental spill or release may have an impact on the safety of the building occupants.

STAFF/STUDENTS INVOLVED IN THE INCIDENT

1. Evacuate the affected area
2. Arrange first aid assistance, if required
3. Establish answers to the following questions:
   • What substance is involved?
   • How much has been released?
   • Where is it located?
   • Is an evacuation required?
   • Is assistance from the NSW Fire Brigade (HAZMAT UNIT) required?

If assistance from the NSW Fire Brigade is required…

4. Secure the affected area
5. Report the emergency 0-000 & 1-3333
6. Notify the Chief Warden.

CHIEF WARDEN

1. Do not enter the affected area
2. Ascertain the nature and location of the problem, from a safe distance
3. Maintain contact with the staff/students involved in the incident
4. Coordinate further evacuations, if required
5. Liaise with the Wardens, First Aid Officers, Security and Emergency Services personnel
6. Announce when the emergency is over.
Emergency lockdown

Building emergency procedures are traditionally focused on the safe evacuation of staff, students and visitors. This is an appropriate response to most emergency situations (e.g. fire, gas leak, internal release of hazardous materials), but in some situations it may actually be safer to stay inside the building.

An emergency lockdown will be implemented when necessary to ensure that the occupants of University Buildings are protected from an external threat, including but not limited to, violent incidents, civil disturbance or severe storms. An emergency lockdown may also be implemented in situations where additional pedestrian traffic on campus may hinder the work of the attending emergency services.

You will be notified of an emergency lockdown by the attending Emergency Services personnel, Security Patrol or your Chief Warden. This message will be communicated via the building's emergency warning PA system or another mechanism.

CHIEF WARDEN

1. Follow the instructions of the Emergency Services and Security
2. Facilitate the use of the Emergency Warning System (or other communication equipment)
3. Maintain contact with Wardens via Warden Intercom Phones (WIP)

WARDENS

1. Encourage staff to remain calm
2. Stay close to the WIP, if safe to do so
3. Act as directed by Chief Warden.

BUILDING OCCUPANTS

1. Remain calm
2. Follow instructions from the Emergency Services, Security and Wardens
3. Stay away from exposed windows
4. If possible, maintain phone and email access
5. If possible, maintain contact with colleagues and/or fellow students.
People with disabilities

People with physical disabilities may have difficulty moving quickly or using stairs. People who are deaf or who have a partial hearing impairment may have difficulty in hearing emergency alarm signals and announcements. People who are blind or who have a visual impairment may have difficulty in finding and negotiating the emergency exit routes. Nevertheless some people who do have a disability may not require assistance.

Staff and students who may expect to have difficulties during an emergency or evacuation should make themselves and their usual location known to the Chief Warden of the building. The Chief Warden should then privately discuss with them the emergency procedures for the building and modify these (if necessary) to accommodate their disability.

Visual signals may be used to alert those people with impaired hearing, or an escort may be assigned to communicate emergency messages to them. Emergency exit routes must be kept clear for those with visual impairment. In the majority of cases an escort should be allocated to provide assistance and wait with the person until such time as they can be safely evacuated.

In the event of an emergency that leads to a building evacuation, people with disabilities who require assistance to evacuate should be assembled at a pre-arranged “safe place” and attended to by their escorts or at least one building warden.

Immediately following the evacuation of “able-bodied” building occupants, those with disabilities who are capable of using the stairs should be assisted from the building by an escort or warden. Another warden or escort should remain with those in the “safe place” awaiting evacuation. People who are incapable of using the stairs should be evacuated under the control of the attending Emergency Services.

<table>
<thead>
<tr>
<th>Person with disability</th>
<th>Normal location</th>
<th>Escort</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alison Lewis (works Tuesdays and Fridays)</td>
<td>Level 5</td>
<td>School of Biological Sciences staff</td>
</tr>
</tbody>
</table>

- 13 -
APPENDIX B

PHONE THREAT CHECK LIST®
KEEP CALM

RECIPIENT

Name (print):
Telephone number:
Signature:

GENERAL QUESTIONS TO ASK:
1. What is it?
2. When is the bomb going to explode?
   OR
   When will the substance be released?
3. Where did you put it?
4. What does it look like?
5. When did you put it there?
6. How will the bomb explode?
   OR
   How will the substance be released?
7. Did you put it there?
8. Why did you put it there?

CHEMICAL / BIOLOGICAL THREAT QUESTIONS
1. What kind of substance is in it?
2. How much of the substance is there?
3. How will the substance be released?
4. Is the substance a liquid, powder or gas?

BOMB THREAT QUESTIONS
1. What type of bomb is it?
2. What is in the bomb?
3. What will make the bomb explode?

EXACT WORDING OF THREAT:

CALLER'S VOICE
Accent (specify):
Any impediment (specify):
Voice (loud, soft, etc):
Speech (fast, slow, etc):
Diction (clear, muffled):
Manner (calm, emotional, etc):
Did you recognise the caller?
If so who do you think it is?
Was caller familiar with the area?

THREAT LANGUAGE
Well spoken:
Incoherent:
Irrational:
Taped:
Message read by caller:
Abusive:
Other:

BACKGROUND NOISES
Street noises:
House noises:
Aircraft:
Voices:
Music:
Machinery:
Other:
Local Call:
STD Call:

NOTES:

OTHER
Sex of caller:  Estimated age:

CALL TAKEN:
Date:  Time:
Duration of call:
Number called:

ACTION (OBTAIN DETAILS FROM SUPERVISOR)
Report call immediately to:
Phone number:

AUSTRALIAN BOMB DATA CENTRE
GPO Box 401 CANBERRA ACT 2601
Telephone: 02 6287 0750  Facsimile: 02 6287 0770
## APPENDIX D – Dangerous goods manifest

<table>
<thead>
<tr>
<th>Location (Level / Room)</th>
<th>Hazards Present</th>
<th>Contact Person</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1 106-116</td>
<td>Variety of lab chemicals Flammable liquids &lt;100L</td>
<td>Matthew Austin</td>
<td>9351 2955</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L3 Wet labs: 301,302,307,309</td>
<td>Variety of lab chemicals Minimal quantities</td>
<td>Matthew Austin</td>
<td>9351 2955</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level Roof</td>
<td>Non ionising radiation broadcasting and phone tower equipment</td>
<td>Please read hazardous areas notices for individual contacts</td>
<td></td>
</tr>
</tbody>
</table>

Please read hazardous areas notices for individual contacts.