

2009 Annual Fire Safety Report

**University of California
Campus Fire Marshals**



University of California,
BERKELEY

September 2010

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INTRODUCTION

This Annual Fire Safety Report is prepared and issued each year by the UC Berkeley Campus Fire Marshal in order to provide the campus community and its leaders with current information on fire safety systems and procedures. The report is also issued to meet the fire-safety-related requirements of the federal Higher Education Opportunity Act, which requires that certain information pertaining to fire safety be made available to the general public.

POLICIES §668.49(b)

The majority of the student residents, approximately 8500, are living in dormitories and apartments owned and operated by the Campus's Resident Student Services Program Department (RSSP). There are approximately 570 students living in the International House Berkeley (I-House), an independent, self-supporting, non-profit organization affiliated with the university. About 175 students are living in the university owned and Berkeley Student Cooperative (BSC) operated non-profit housing cooperatives that provide affordable housing to the UC Berkeley Students.

The fire safety policy for each one of these entities varies slightly. A full version of the respective fire safety policy can be found:

For Resident Student Services Program (RSSP) Residents:

Bear Necessities - Guide to Living on Campus at UC Berkeley can be found:

http://www.housing.berkeley.edu/student/Bear_Necessities_Guide.pdf

For International House (I-House) Residents:

International House Berkeley – Resident Handbook can be found:

<http://ihouse.berkeley.edu/l/residents/handbook1011.pdf>

For Berkeley Student Cooperative (BSC) Residents:

BSC Policy Manual can be found:

<http://berkeleystudentcooperative.org/health-and-safety/fire-safety>

Excerpts from each organization are listed below:

a. Safety Policies §668.49(b)(4)

i. Use of Portable Electrical Appliances

RSSP - Bear Necessities - Guide to Living on Campus at UC Berkeley - Pg. 23

- *8D. Use of unapproved appliances. *Any appliance, other than a personal iron, UL approved coffee makers, a small microwave and/or mini refrigerator, which has an open coil or creates heat or flame, is not permitted outside of designated kitchen space.*
- *8G. Halogen lamps and decorative string(s) of lights in or around any residential facility is not permitted.*

I-House Resident Handbook

The following electrical appliances are approved, must be used responsibly and be good working order, free of wiring defect, and approved for use by Underwriters' Laboratory [UL]. All cords and plugs must be grounded and free of frays.

- *One microwave and one micro fridge are allowed in any single or double room. The maximum storage capacity permitted for refrigerators is 4.5 cubic feet with a maximum height of 35 inches. The maximum allowable wattage for microwave ovens is 800 watts.*
- *Only one coffee maker may be in use at a time in any residence hall room. Due to a sensitive heat/fire detection system, hot air popcorn poppers may not be used in residence hall rooms, nor are other food related appliances such as toasters, toaster ovens, crock pots, hot plates, waffle irons, rice cookers, broilers, etc.*
- *No modifications to, or changes in, electrical wiring is permitted. No "splicing", "octopuses", or modification devices of any kind may be used to "add plugs" in your room or suite. UL approved, grounded power strips with fuses may be used only for computer and computer related hardware.*
- *Paper or plastic may not be used to cover any light or light fixture. No modifications may be made to you university-provided desk lamp, if applicable.*
- *Lighting fixtures, including holiday lights, are not allowed to be strung on any surface outside rooms.*
- *Use of portable electric heaters in your room is prohibited. If there is a problem with the heat in your room, please report the problem using a "Worktag Request".*
- *Use of halogen lamps in your room is prohibited. The Consumer Product Safety Commission (CPSC) has issued a warning to consumers that the light bulbs in most halogen lamps can reach very high temperature and easily start a fire if they come in contact with curtains, clothes, or other flammable materials. Due to the increased fire and safety risk, halogen lamps are prohibited.*

BSC Owner's Manual

- *The BSC discourages the use of any appliance other than a personal iron, UL approved coffee makers, a small microwave, and/or mini refrigerator in bedrooms. The use of any appliance that has an open coil or creates heat or flame is strongly discouraged outside designated kitchen areas.*
- *Members should also avoid halogen lamps and decorative light strings due to their high fire danger.*

ii. Smoking

RSSP - Bear Necessities - Guide to Living on Campus at UC Berkeley - Pg. 22

- *Smoking in the residential facilities or within twenty-five (25) feet of an entrance, exit, operable window, or designated children's play area. *This restriction includes smoking on balconies, entrance steps, wooden stages, entrance landings, decks, porches, interior stairwells, fire escapes and entrance access ramps, unless the area is specifically designated as a smoking area.*

I-House Resident Handbook

UC Berkeley is committed to providing a healthy, smoke-free environment for students, faculty, and staff. No smoking is permitted in residence halls or dining facilities. In accordance with local law, additional smoke-free areas are within 25 feet of any building, courtyard, exterior walkway or balcony. This distance must be increased if the smoke is traveling towards a building or any window. There is a

smoking area in front of I-House, adjacent to the bicycle cage. As a courtesy to community residents, incense burning is not allowed.

BSC Owner's Manual

- Cloyne Court Housing Contract Addendum: 4. No Smoking, Flames, Incense or Candles. In accordance with University of California requirements for use of their property, members are prohibited from smoking, igniting open flames, incense and candles throughout the premises.
- Convent Housing Contract Addendum: RULE 13: Members agree to assist the BSC in complying with all applicable codes and ordinances regarding fire safety, equipment, and exiting, and shall be responsible for insuring that fire safety and suppression systems are in working order.

iii. **Open Flames**

RSSP - Bear Necessities - Guide to Living on Campus at UC Berkeley - Pg. 23

These are prohibited in the Residential Conduct Code:

- 8A. Possession of explosives or flammable substances. *Examples include firecrackers, flammable liquids such as lamp oil, gasoline, lighter fluid, or other chemicals that are toxic or explosive in nature.
- 8B. Possession and/or use of candles in the residential facilities.
- 8C. Use of any object that creates an open flame in the residential facilities, including the balconies and entryways to the buildings. *Examples include candles, incense, matches, lighters, charcoal, hookahs and flame starters.

I-House Resident Handbook

Open flames are not permitted in residential areas.

- 1) Possession of explosives or flammable substances is not permitted. This includes firecrackers, flammable liquids such as lamp oil, gasoline, lighter fluid, or other chemicals that are toxic or explosive in nature.
- 2) Candles or use of candles are not permitted.
- 3) Use of any object that creates an open flame is not permitted. This includes candles, incense, matches, lighters, charcoal, hookahs and flame starters.

BSC Owner's Manual

- Currently there are no specific provisions for candles, incense or open flames at Convent; however, all members are subject to relevant City, State and Federal laws.
- Cloyne Court and Convent Housing Contract, Section 21.A: Dangerous Materials. The possession of firearms, volatile solutions, explosives, fireworks, or other dangerous materials is strictly prohibited in or on the premises.

b. Fire Evacuation Procedures §668.49(b)(5)

RSSP - Bear Necessities - Guide to Living on Campus at UC Berkeley - Pg. 49-50

- When you discover a fire, pull the alarm and call 911 (or 642-3333 from a mobile phone) to confirm the Fire Department alert.

- *Use an extinguisher with caution and always stay between the fire and the exit. If the fire becomes too large, close your door and leave the building at once. Be sure to wear shoes to avoid cutting your feet during the evacuation. Take your keys with you!*
- *Evacuate the building immediately. Walk, do not run.*
- *Do not use the elevator. Use the stairs.*
- *When smoke or heat is encountered, keep low or crawl to avoid inhaling toxic fumes.*
- *When the fire alarm sounds, feel your room door to see if it is hot before opening it.*
- *If the door feels hot or smoke prevents exit, keep your door closed and open a window until rescued.*
- *Do not reenter the building until authorized by the Fire Department.*
- *Tampering with fire safety equipment or refusing to evacuate during an alarm are serious violations of state law and will result in disciplinary action and possible criminal prosecution.*

I-House Resident Handbook

- *When a fire alarm sounds, leave the building immediately using the stairs. Do not use the elevators. Learn at least two ways of exiting in the event that one is not available. Tampering with fire safety equipment, which includes alarms, pull stations, extinguishers, smoke detectors and fire suppression sprinkler systems, or refusing to evacuate during an alarm are serious violations of state law and will result in disciplinary action and possible criminal prosecution.*

BSC Owner's Manual

- *When you discover a fire, pull the alarm and call 911 from a land line telephone or (510) 981-5911 from a cell phone.*
- *Use an extinguisher with caution and always stay between the fire and the exit.*
- *Grease fires should be extinguished with baking soda, a pot lid, or chemical extinguisher—never water as this can cause serious injury.*
- *If the fire becomes too large, close your door and leave the building at once. Be sure to wear shoes to avoid cutting your feet during the evacuation. Take your keys with you!*
- *Evacuate the building immediately. Walk, do not run.*
- *Do not use the elevator. Use the stairs.*
- *When smoke or heat is encountered, keep low or crawl to avoid inhaling toxic fumes. Breathe through a cloth, if possible, and take shallow breaths.*
- *When the fire alarm sounds, feel your room door to see if it is hot before opening it.*
- *Do not open the door if the knob is hot—try to exit through a window or fire escape.*
- *Do not re-enter the building until the alarm has been reset and you have received authorization from the Fire Department.*
- *Tampering with fire safety equipment or refusing to evacuate during an alarm are serious violations of state law and will result in disciplinary action and possible criminal prosecution.*

c. Fire Safety Education and Training §668.49(b)(6)

RSSP

All Resident Assistants (RAs) are required to participate in fire safety training seminars each year prior to the start of the fall quarter. The UC Berkeley Fire Prevention Staff delivers the training.

Residents in Student Housing receive the following safety education: Participation in Fire Drills; Fire Safety information in the Bear Necessities - Guide to Living on Campus at UC Berkeley; and attend hall safety meeting held by the RA's

I-House

Once per year, a fire drill is held to familiarize residents with the alarm sound and with exit locations. You must leave the building and remain outside until permission is given to re-enter the building. Only the fire department or police department personnel in charge at the scene can grant permission to re-enter the building after an alarm is sounded. Fire safety information is presented at our Town Hall Meetings and can be found in the International House Resident Handbook.

BSC

Each house-level manager is required to attend a fire safety training session prior to the beginning of each semester. The City of Berkeley Fire Department, UC Fire, or a certified fire safety training instructor delivers these trainings.

Residents receive the following safety education: Participation in Fire Drills; fire safety information in the BSC Owner's Manual; and voluntary emergency preparedness workshops during the course of the semester.

Student Housing Facility Fire Safety Systems

Residential Facilities	Fire Sprinkler		Fire Alarm System			Fire Separations	
	Full	Partial	Smoke*	Manual Pull	Notification Appliance	Corridor	Room/Apt
Bowles Hall			X	X	X	X	X
Channing-Bowditch Apt	X		X	X	X	X	X
CKC Building 2	X		X	X	X	X	X
CKC Building 3	X		X	X	X	X	X
CKC Building 4	X		X	X	X	X	X
CKC Building 7	X		X	X	X	X	X
CKC Building 8	X		X	X	X	X	X
CKC Building 9	X		X	X	X	X	X
CKC Building 11	X		X	X	X	X	X
CKC Building 12	X		X	X	X	X	X
CKC Building 16	X		X	X	X	N/A	X
CKC Building 17	X		X	X	X	X	X
Cleary Hall	X		X	X	X	X	X
Cloyne Court – Co-Op	X		X	X	X	X	X
Convent - Co-Op	X		X	X	X	X	X
Fernwal 2415			X	X	X	X	X
Foothill 1	X		X	X	X	N/A	X
Foothill 2	X		X	X	X	N/A	X
Foothill 3	X		X	X	X	N/A	X
Foothill 6	X		X	X	X	N/A	X
Foothill 7	X		X	X	X	N/A	X
Foothill 8	X		X	X	X	N/A	X
Foothill 9	X		X	X	X	N/A	X
International House		95%	X	X	X	X	X
Jackson House	X		X	X	X	X	X
Manville Hall	X		X	X	X	X	X
Unit 1 – Cheney Hall	X		X	X	X	X	X
Unit 1 - Christian Hall	X		X	X	X	X	X
Unit 1 – Deutsch Hall	X		X	X	X	X	X
Unit 1 – Freeborn Hall	X		X	X	X	X	X
Unit 1 – Putnam Hall	X		X	X	X	X	X
Unit 1 – Slottman Hall	X		X	X	X	X	X

Student Housing Facility Fire Safety Systems

Residential Facilities	Fire Sprinkler		Fire Alarm System			Fire Separations	
	Full	Partial	Smoke*	Manual Pull	Notification Appliance	Corridor	Room/Apt
Unit 2 – Cunningham Hall	X		X	X	X	X	X
Unit 2 – Davidson Hall	X		X	X	X	X	X
Unit 2 – Ehrman Hall	X		X	X	X	X	X
Unit 2 – Griffith Hall	X		X	X	X	X	X
Unit 2 – Towle Hall	X		X	X	X	X	X
Unit 2 – Wada Hall	X		X	X	X	X	X
Unit 3 – Norton Hall	X		X	X	X	X	X
Unit 3 – Priestly Hall	X		X	X	X	X	X
Unit 3 – Spens Black Hall	X		X	X	X	X	X
Unit 3 – Sproul Hall	X		X	X	X	X	X
Smyth3002			X	X	X	N/A	X
Smyth3010			X	X	X	N/A	X
Smyth3020			X	X	X	N/A	X
Smyth3024			X	X	X	N/A	X
Smyth3030			X	X	X	N/A	X
Smyth3040			X	X	X	N/A	X
Stern Hall	X		X	X	X	X	X
UVA Bldg. 100	X		X	X	X	N/A	X
UVA Bldg. 101	X		X	X	X	N/A	X
UVA Bldg. 102	X		X	X	X	N/A	X
UVA Bldg. 103	X		X	X	X	N/A	X
UVA Bldg. 104	X		X	X	X	N/A	X
UVA Bldg. 105	X		X	X	X	N/A	X
UVA Bldg. 106	X		X	X	X	N/A	X
UVA Bldg. 107	X		X	X	X	N/A	X
UVA Bldg. 108	X		X	X	X	N/A	X
UVA Bldg. 109	X		X	X	X	N/A	X
UVA Bldg. 110	X		X	X	X	N/A	X

Student Housing Facility Fire Safety Systems

Residential Facilities	Fire Sprinkler		Fire Alarm System			Fire Separations	
	Full	Partial	Smoke*	Manual Pull	Notification Appliance	Corridor	Room/Apt
UVA Bldg. 111	X		X	X	X	N/A	X
UVA Bldg. 112	X		X	X	X	N/A	X
UVA Bldg. 113	X		X	X	X	N/A	X
UVA Bldg. 114	X		X	X	X	N/A	X
UVA Bldg. 115	X		X	X	X	N/A	X
UVA Bldg. 116	X		X	X	X	N/A	X
UVA Bldg. 117	X		X	X	X	N/A	X
UVA Bldg. 118	X		X	X	X	N/A	X
UVA Bldg. 119	X		X	X	X	N/A	X
UVA Bldg. 120	X		X	X	X	N/A	X
UVA Bldg. 121	X		X	X	X	N/A	X
UVA Bldg. 122	X		X	X	X	N/A	X
UVA Bldg. 123	X		X	X	X	N/A	X
UVA Bldg. 124	X		X	X	X	N/A	X
UVA Bldg. 125	X		X	X	X	N/A	X
UVA Bldg. 126	X		X	X	X	N/A	X
UVA Bldg. 127	X		X	X	X	N/A	X
UVA Bldg. 128	X		X	X	X	N/A	X
UVA Bldg. 129	X		X	X	X	N/A	X
UVA Bldg. 130	X		X	X	X	N/A	X
UVA Bldg. 131	X		X	X	X	N/A	X
UVA Bldg. 132	X		X	X	X	N/A	X
UVA Bldg. 133	X		X	X	X	N/A	X
UVA Bldg. 134	X		X	X	X	N/A	X
UVA Bldg. 135	X		X	X	X	N/A	X
UVA Bldg. 136	X		X	X	X	N/A	X
UVA Bldg. 137	X		X	X	X	N/A	X
UVA Bldg. 138	X		X	X	X	N/A	X
UVA Bldg. 139	X		X	X	X	N/A	X
UVA Bldg. 140	X		X	X	X	N/A	X

Student Housing Facility Fire Safety Systems

Residential Facilities	Fire Sprinkler		Fire Alarm System			Fire Separations	
	Full	Partial	Smoke*	Manual Pull	Notification Appliance	Corridor	Room/Apt
UVA Bldg. 141	X		X	X	X	N/A	X
UVA Bldg. 142	X		X	X	X	N/A	X
UVA Bldg. 143	X		X	X	X	N/A	X
UVA Bldg. 144	X		X	X	X	N/A	X
UVA Bldg. 145	X		X	X	X	N/A	X
UVA Bldg. 146	X		X	X	X	N/A	X
UVA Bldg. 147	X		X	X	X	N/A	X
UVA Bldg. 148	X		X	X	X	N/A	X
UVA Bldg. 149	X		X	X	X	N/A	X
UVA Bldg. 150	X		X	X	X	N/A	X
UVA Bldg. 151	X		X	X	X	N/A	X
UVA Bldg. 152	X		X	X	X	N/A	X
UVA Bldg. 153	X		X	X	X	N/A	X
UVA Bldg. 154	X		X	X	X	N/A	X
UVA Bldg. 155	X		X	X	X	N/A	X
UVA Bldg. 156	X		X	X	X	N/A	X
UVA Bldg. 157	X		X	X	X	N/A	X
UVA Bldg. 158	X		X	X	X	N/A	X
UVA Bldg. 159	X		X	X	X	N/A	X
UVA Bldg. 160	X		X	X	X	N/A	X
UVA Bldg. 161	X		X	X	X	N/A	X
UVA Bldg. 162	X		X	X	X	N/A	X
UVA Bldg. 163	X		X	X	X	N/A	X
UVA Bldg. 164	X		X	X	X	N/A	X
UVA Bldg. 165	X		X	X	X	N/A	X
UVA Bldg. 166	X		X	X	X	N/A	X
UVA Bldg. 167	X		X	X	X	N/A	X
UVA Bldg. 168	X		X	X	X	N/A	X
UVA Bldg. 169	X		X	X	X	N/A	X
UVA Bldg. 170	X		X	X	X	N/A	X

FIRE DRILLS

Residential Facilities	Frequency
Bowles Hall (Dorm)	1
Channing/Bowditch (Apartment)	1
Clark Kerr Campus (Dorm) – Bldgs. 2, 3, 4, 7, 9, 9, 11, 12, 16, and 17	1/building
Unit 1 (Dorm) - Cheney Hall, Christan Hall, Deutsch Hall, Freeborn Hall, Putnam Hall, Slotman Hall	1/building
Unit 2 (Dorm) - Cunningham Hall, Davidson Hall, Ehrman Hall, Griffiths Hall, Towle Hall, Wada Hall	1/building
Unit 3 (Dorm) - Ida Sproul Hall, Norton Hall, Priestley Hall, Spens-Black Hall, Cleary Hall	1/building
Foothill(Dorm) - Bldgs. 1,2,3,5,6,7,8, and 9	1/building
Ida Louise Jackson Graduate House (Apartment)	1
Manville (Apartment)	1
Stern Hall (Dorm)	1
Smyth-Fernwald Complex (Family Housing)	0
University Village Albany (Family Housing)	0
Berkeley Student Cooperative - Cloyne Court (Dorm)	1
Berkeley Student Cooperative - Convent (Dorm)	1
International House Berkeley (Dorm)	1

Fire drills are conducted in all residential facilities once per year. The drills generally occur within one month of the start of the fall semester. The UC Berkeley Fire Prevention Division conducts the drills in coordination with Student Housing staff. The residents are aware that a fire drill will take place; however, they are not notified in advance of the date or time of the scheduled drill. When the fire alarm system is activated, all residents are informed that a drill is taking place, and that they are required to exit the building. The Student Housing staff will do a room check to ensure that all occupants have evacuated. When this is complete, the Fire Prevention Staff delivers a 5-7 minute safety talk to the residents and staff.

REPORTING LIST

A list of titles of each person or organization to which students and employees should report that a fire occurred.

From landline or cellular phone, dial 9-1-1 for Emergency Services
UC Berkeley Police Department Dispatch Emergency Number (510) 642-3333
Report to Resident Assistant of Housing Unit

FUTURE IMPROVEMENTS

The UC Berkeley Fire Prevention Division and the various facilities departments maintain a list of the buildings that are scheduled to receive system upgrades.

School Year	System	Action	Building	Building Type
2009/2010	Fire Alarm System Upgrade	Install	Clark Kerr Campus, Buildings 7, 8, 9, and 11	1-2 Story Dormitory
2010/2011	Fire Alarm System Upgrade	Install	Unit 1- Cheney Hall, Deutsch Hall, Freeborn Hall, Putnam Hall	8 Story Dormitory
2010/2011	Fire Alarm System Upgrade	Planning	Unit 2 – Cunningham Hall, Ehrman Hall, Griffiths Hall	8 Story Dormitory
2010/2011	Fire Alarm System Upgrade	Planning	Unit 3 – Ida Sproul Hall, Norton Hall, Priestly Hall, Spens Black Hall	8 Story Dormitory

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STATISTICS

Fire statistics for on campus student housing facilities for the three most recent calendar years (2007, 2008, 2009)

Residential Facilities	Date	Time	Cause of Fire	Injuries that Required Treatment at Medical Facility	Deaths Related to Fire	Value of Property Damage	Incident Number
Unit 1 – Common Bldg. Men’s Room	2/17/2007	00:33	Intentionally set fire to paper towel dispenser	0	0	\$200	BFD 2007-001534
Unit 4 – Foothill Bldg. 7	11/19/2007	03:15	Unknown - Plastic rolling trash cart by vending machines	0	0	\$350	BFD 2007-010451
NONE	2008						
Unit 2 – Griffith Hall	1/15/2009	11:15	Accidental – A towel was draped over an energized desk lamp	0	0	\$2, 500	UCPD 09-00165
UVA – Bldg 129	2/20/2009	16:34	Accidental - Cooking	0	0	\$2,000	UCPD 09-00758
Unit 4 – Foothill Bldg. 7, Suite B45	7/13/2009	23:02	Accidental - Fire in Bathroom Trash Can	0	0	0	UCPD 09-3153

DISCLOSURE OF INFORMATION

Location of UC Berkeley Annual Fire Safety Report:
<http://www.ehs.berkeley.edu/fireprev/firesafetyreport2010.pdf>

Location of UC Berkeley Annual Security Report:
<http://safetycounts.berkeley.edu/content/safety-counts-201011>