

## UCDH Safety Program Risk Assessment and Action Plan

### UCDH Safety Risk Assessment and Action Plan

The Environmental Health and Safety (EH&S) office prepares and maintains this safety risk assessment. This assessment is updated annually or more frequently as needed. It addresses the most significant risks affecting all employees and the most significant unit-specific risks, as well as related action plans and policies to address the risks.

Important sources of information include:

- Workplace hazard assessment and reviews conducted by EH&S
- Workers' Compensation claims
- Accident and incident investigations
- UCDH incident reporting system or safety-related reports
- Other safety hazard reports
- Injury prevention priorities and action plans included in department/division injury prevention plans
- Environmental Rounds data
- Environment of Care scorecard
- Workplace Violence reporting systems data
- Safety Patient Handling reporting system data
- Bloodborne pathogen exposure reporting system data

Certification of the workplace hazard assessment for UCDH hospital and clinics.

This assessment was performed by Kaila Benton-Vitz, Director of EH&S, Health and Safety Officer. Updated June 9, 2025.

Signed by:  
  
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6/6/2025

Date

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**Top risks system-wide and steps to minimize impact**

<b>Risk</b>	<b>Action Plan</b>	<b>Information</b>
Safe Patient Handling (SPH)	<ul style="list-style-type: none"> <li>• Life team assistance</li> <li>• SPH equipment</li> <li>• Staff training</li> <li>• Audit of SPH program</li> <li>• Unit-specific SPH Hazard Evaluations</li> <li>• Mobility team assistance</li> </ul>	<ul style="list-style-type: none"> <li>• UCDH SPH Plan</li> <li>• PCS IV-04 SPH</li> <li>• Banner Mobility Assessment tool for nurses.</li> </ul>
Preventing staff disease due to exposure to pathogens	<ul style="list-style-type: none"> <li>• Airborne and bloodborne pathogen programs and training</li> <li>• Isolation P&amp;Ms and training</li> <li>• Universal precautions training and practices</li> <li>• Respiratory protection program</li> <li>• Pandemic planning</li> <li>• Personal protective equipment</li> <li>• Bloodborne pathogen exposure reporting system and follow-up</li> </ul>	<ul style="list-style-type: none"> <li>• UCDH Respiratory Protection Plan</li> <li>• P&amp;P 2001: Bloodborne Pathogen Exposure Control Plan</li> <li>• P&amp;P 2167 Blood/Body Fluid Exposure (Needlesticks)</li> <li>• P&amp;P 1603: Respiratory Protection for Employee Exposure to Pathogens with Airborne Precautions</li> <li>• P&amp;P 2002: Airborne Pathogens Exposure Control Plan</li> <li>• P&amp;P 1604: Use of 3M Air-Mate PAPR</li> <li>• P&amp;P 2032: Isolation Room Pressure Monitoring</li> <li>• P&amp;P 2150: Communicable Disease Management for Employees</li> </ul>
Personal security and Workplace Violence (WPV) prevention	<ul style="list-style-type: none"> <li>• UCD Police and PSO presence on-site</li> <li>• WPV P&amp;P</li> <li>• Implementation of WPV Intervention Training</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 1616: Violence in the Workplace</li> <li>• UCD PPM 390-60</li> <li>• WPV report in RL Datix for employees to report violations of P&amp;P 1616</li> </ul>

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	<ul style="list-style-type: none"> <li>• RL Datix monitoring for reports of WPV with investigation and reporting to Cal/OSHA if applicable</li> <li>• WPV Prevention unit use of Threat Triage © analysis software for evaluating verbatim threats or suspicious communications</li> <li>• WPV Prevention unit and ASAP staff trained on behavioral threat assessment strategies and tools</li> <li>• After-hours transport to parking and escort programs</li> <li>• Security enhancements to grounds and parking structures</li> <li>• Online incident reporting and police systems for tracking and investigation of incidents</li> <li>• Ground inspection and maintenance by UCDP, PO&amp;M and Grounds department</li> <li>• Lighted corridor project</li> <li>• WPV committee is a subcommittee of the UCDH Safety Committee</li> <li>• WPV Prevention department</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 3303: UCD Police Services at UCDH</li> <li>• Awareness-level WPV Prevention in Healthcare training</li> </ul>
Ergonomics, including computer workstation and repetitive motion injuries	<ul style="list-style-type: none"> <li>• UCDH ergonomics and intervention program</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 1625: Ergonomics Program</li> <li>• Online self-assessment through UC Learning Center (Code: DAHS-ERGO-ECO)</li> <li>• Online self-assessment for remote work through UC Learning Center (Code: DAHS-HWAH)</li> </ul>
Employee slip and fall prevention	<ul style="list-style-type: none"> <li>• Environmental Services floor maintenance practices</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 1605: Reporting and Responding to Safety Hazrds</li> </ul>

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	<ul style="list-style-type: none"> <li>• Hazard awareness and reporting procedures for staff</li> <li>• Grounds inspection and maintenance</li> <li>• Online incident reports and safety hazard reports</li> <li>• Environmental rounds</li> <li>• Slip-resistant footwear program</li> </ul>	<ul style="list-style-type: none"> <li>• OPRS Slip-Resistant Footwear program</li> </ul>
Hazardous materials (HazMat) exposure (including compressed gas)	<ul style="list-style-type: none"> <li>• Chemical hazard awareness program</li> <li>• Department-specific training for hazmat</li> <li>• Screening of new high-volume hazmat</li> <li>• EH&amp;S exposure monitoring and control activities</li> <li>• Eyewash testing/maintenance risk assessment</li> <li>• USP 800/hazardous drug training</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 1641: Hazard Communication Program</li> <li>• P&amp;P 1670: Hazardous Chemical and Chemical Waste Handling</li> <li>• P&amp;P 1685: Hazardous Gasses</li> <li>• P&amp;P 1624: Safe Management of Cryogenic Liquids</li> <li>• Mandatory Annual Training</li> <li>• P&amp;P 1691: Emergency Eyewash and Shower Equipment</li> </ul>
Indoor air quality and mold exposure prevention	<ul style="list-style-type: none"> <li>• Water damage response plan</li> <li>• Hazard reporting system and investigation by EH&amp;S</li> <li>• Ventilation and facility maintenance by PO*M</li> <li>• Aspergillus monitoring program</li> <li>• Construction Dust Prevention Best Practice Standard</li> <li>• ICRA process</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 1609: Water Damage Response Plan</li> <li>• P&amp;P 1605: Reporting and Responding to Safety Hazards</li> <li>• P&amp;P 2120: Construction and Renovation Infection Control Risk Assessment</li> <li>• P&amp;P 2026: Microbiological Culture of the Environment, Patients, and Personnel</li> </ul>
Back injuries from lifting practices	<ul style="list-style-type: none"> <li>• Training</li> <li>• Lift assist devices</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 1620: Departmental Injury Prevention Plans and Safety Coordinators</li> </ul>

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Building infrastructure safety and grounds safety	<ul style="list-style-type: none"> <li>• Environmental rounds; safety coordinator inspections; grounds inspections by Security, Police and Grounds</li> <li>• FP&amp;D ensures that buildings are designed and constructed to meet code requirements</li> <li>• Ligature risk assessment</li> <li>• ADD Committee and Loss Prevention Workgroup charge</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 1617: Management of the Environment of Care</li> </ul>
Vehicle and pedestrian safety	<ul style="list-style-type: none"> <li>• Regular patrols by UCD Police</li> <li>• Marked crosswalks and signs on UC-maintained streets</li> <li>• Cooperation with the City for pedestrian safety on Stockton Blvd. and other public roads</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 3303: UCD Police Services at UCDH</li> </ul>

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**Top risks affecting limited areas and steps to minimize impact**

<b>Risk</b>	<b>Area or unit most affected</b>	<b>Action plan</b>	<b>Information</b>
Handling solutions containing greater than 0.1 percent formaldehyde	Pathology, PCS: Labor and Delivery, departments that collect tissue specimens	<ul style="list-style-type: none"> <li>• Department-specific training</li> <li>• Local exhaust ventilation</li> <li>• Exposure monitoring by EH&amp;S</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 1641: Hazard Communication Program</li> <li>• P&amp;P 1648: Personal Protective Equipment</li> <li>• P&amp;P 1691: Emergency Eyewash and Shower Equipment</li> </ul>
Chemical solvents	Pathology	<ul style="list-style-type: none"> <li>• Department-specific training</li> <li>• Chemical fume hoods</li> <li>• Chemical hygiene plan</li> <li>• Exposure monitoring by EH&amp;S</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 1641: Hazard Communication Program</li> <li>• P&amp;P 1648: Personal Protective Equipment</li> <li>• P&amp;P 1691: Emergency Eyewash and Shower Equipment</li> </ul>
Hazardous drugs	Pharmacy, Cancer Center, PCS: Oncology, other PCN (various)	<ul style="list-style-type: none"> <li>• Chemotherapy competency training</li> <li>• Hazardous drug handling policies and procedures</li> <li>• Engineering controls for prep areas in pharmacy</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 1623: Management of Hazardous Drug Waste and Spills</li> <li>• P&amp;P 1691: Emergency Eyewash and Shower Equipment</li> <li>• P&amp;P 10001: Safe Handling and Administration of Hazardous Drugs</li> </ul>

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Anesthetic gas	OR, Anesthesiology	<ul style="list-style-type: none"> <li>• Waste gas scavenging</li> <li>• Work practice evaluation</li> <li>• Exposure monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 1685: Hazardous gases</li> </ul>
Exposure to ionizing radiation	Radiology Nuclear Medicine	<ul style="list-style-type: none"> <li>• Health Physics program</li> </ul>	<ul style="list-style-type: none"> <li>• UCDH Radiation safety manual</li> </ul>
Asbestos	PO&M, IS, UC Fire	<ul style="list-style-type: none"> <li>• Asbestos worker and asbestos awareness training</li> <li>• Exposure monitoring</li> <li>• Engineering controls for ceiling access</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 1730: Asbestos Management and Medical Surveillance Program</li> </ul>
High-hazard physical safety, e.g. confined space, fall from height, exposure to electrical hazards, arc flash and stored energy	PO&M, Fleet Services, IS, Environmental Services	<ul style="list-style-type: none"> <li>• Department-specific training</li> <li>• Policies/procedures for high hazard activities (confined space, lockout/tagout, and fall protection)</li> <li>• Risk evaluation program</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 1626: Confined Space Program</li> <li>• P&amp;P 1629: Fall Protection Program</li> <li>• P&amp;P 1627: Control of Hazardous Energy</li> <li>• PO&amp;M Procedures</li> </ul>
Noise that may harm hearing (over 85 dBA for 8 hours on average)	PO&M, Grounds, Food and Nutrition Services	<ul style="list-style-type: none"> <li>• Labeling of sources</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P 1735: Hearing Conservation and Medical Surveillance Program</li> </ul>
Cleaning agents	Environmental Services	<ul style="list-style-type: none"> <li>• Department-specific training</li> <li>• Twist and fill technology for concentrates</li> <li>• Protective equipment</li> </ul>	<ul style="list-style-type: none"> <li>• P&amp;P Hazard Communication Program</li> <li>• P&amp;P 1670: Hazardous Chemical and Chemical Waste Handling</li> <li>• P&amp;P 1648: Personal Protective Equipment</li> </ul>

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			<ul style="list-style-type: none"> <li>P&amp;P 1691: Emergency Eyewash and Shower Equipment</li> </ul>
Ergonomic injuries from materials handling	Environmental Services, Distribution	<ul style="list-style-type: none"> <li>Department-specific training</li> <li>Use of materials handling equipment to reduce manual work</li> <li>Linen crew</li> </ul>	<ul style="list-style-type: none"> <li>P&amp;P 1620: Departmental Injury Prevention Plans and Safety Coordinators</li> </ul>
Laboratory safety	Pathology, Radiation, Oncology	<ul style="list-style-type: none"> <li>Department-specific procedures and plans</li> </ul>	<ul style="list-style-type: none"> <li>P&amp;P 1646: Laboratory Safety Training</li> <li>P&amp;P 1691: Emergency Eyewash and Shower Equipment</li> </ul>
Construction safety	PO&M, FP&D, Facilities Planning, Information Technology	<ul style="list-style-type: none"> <li>Site safety requirements included in contract documents</li> <li>UC project management oversight and inspections</li> </ul>	<ul style="list-style-type: none"> <li>P&amp;P 1620: Departmental Injury Prevention Plans and Safety Coordinators</li> <li>P&amp;P 2901: Minimum Requirements for Independent Contractor and Vendor/Contractor Employees Working on University Premises</li> </ul>
Lasers	Perioperative Services, Ophthalmology, Dermatology	<ul style="list-style-type: none"> <li>Department-specific training</li> <li>Laser protective eyewear</li> </ul>	<ul style="list-style-type: none"> <li>P&amp;P 1642: Medical Laser Safety</li> </ul>
Cash handling	Retail, Food Services, Parking Finance, Clinics, Cashiering	<ul style="list-style-type: none"> <li>Review with UCD Police</li> </ul>	<ul style="list-style-type: none"> <li>UCP P&amp;P 330-55, 330-46, UCOP Policy Bus-49</li> </ul>
Life safety	PO&M, FP&D, Facilities Planning, Information Technology	<ul style="list-style-type: none"> <li>Life Safety Subcommittee</li> </ul>	<ul style="list-style-type: none"> <li>P&amp;P 1635: Interim Life Safety Measure Program</li> </ul>



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		<ul style="list-style-type: none"> <li>• Fire Safety Management reports</li> <li>• Fire Marshal's Office review of work plans</li> </ul>	
Wildfire smoke	PO&M, Distribution, Environmental Services, employees who work outside or in non-filtered buildings and/or vehicles for more than one hour per shift	<ul style="list-style-type: none"> <li>• System-wide Air Quality Workgroup</li> </ul>	<ul style="list-style-type: none"> <li>• Mandatory Annual Training</li> <li>• Wildfire smoke protection training</li> </ul>

## UCDH Safety Program Risk Assessment and Action Plan

**UCDM Overall Hazard Assessment and Personal Protective Equipment Assignment**

This assessment is intended to apply generally to the overall medical center and applies to risk identified in the “UCDH Safety Program Risk Assessment and Action Plan”. Division heads shall ensure an additional assessment and PPE designation is completed for hazards present in their divisions that are not included here and that a copy is maintained in the Department Injury Prevention Plan (green binder).

<b>Hazards or processes with the potential to cause injury</b>	<b>Suggested PPE *</b>
Pathogen exposure	Gloves, face shields, surgical masks, healthcare N95 respirators, powered air purifying respirators, goggles, safety glasses, surgical caps or hoods, impervious isolation gowns
Noise exposure	Earplugs, earmuffs
Chemical/hazmat/drugs exposure	Lab coats, chemically- or thermally-resistant gloves, aprons, clothing and/or footwear, face shields, goggles, respirators, emergency eyewash/shower*
Ionizing radiation	Lead apron and/or other shielding
Lasers	Protective eyewear
Fall from height	Fall arrest system
Electrical energy	AR- and/or FR-rated clothing with compatible undergarments
Cold temperatures	Thermally insulated clothing
Construction site hazards	High visibility clothing, hard hats, boots or steel-toed boots, safety glasses

\*Where applicable