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<tr>
<td>UCR Laboratories</td>
<td>All Research (e.g. wet labs, high hazards, etc.) and Teaching Laboratories</td>
<td>UC Lab Safety Training UC Personal Protective Equipment (PPE) Lab Safety Manual Injury and Illness Prevention Plan</td>
<td>Environmental Health and Safety <a href="https://ehs.ucr.edu/">https://ehs.ucr.edu/</a> Office of Research Integrity <a href="https://research.ucr.edu/ori">https://research.ucr.edu/ori</a> UCR Learning Center <a href="http://ucrlciarning.ucr.edu/">http://ucrlciarning.ucr.edu/</a> UC Safety Suite <a href="https://ehs.ucop.edu/lhat">https://ehs.ucop.edu/lhat</a></td>
<td>Office of Research Integrity Protocol approval required</td>
<td>Laboratory Hazard Assessment Tool (LHAT) <a href="https://ehs.ucop.edu/lhat">https://ehs.ucop.edu/lhat</a> Personal Protective Equipment (PPE) Laboratory Safety Orientation (fundamentals) – every 3 years Hazardous Waste Management Fire Extinguisher – annual Principal Investigator (PI) Responsibilities</td>
<td>Biosafety and Lab Safety Programs Manager Departmental Lab Safety Officer <a href="https://ehs.ucr.edu/laboratory/CHP/currentchps.html">https://ehs.ucr.edu/laboratory/CHP/currentchps.html</a></td>
</tr>
<tr>
<td>Vertebrate Animals</td>
<td>Vertebrate animals Contracts involving custom antibodies or other vertebrates</td>
<td>Animal Use Protocol approval required prior to any use or handling of vertebrate animals IACUC Policies: <a href="https://research.ucr.edu/about/policies-uc">https://research.ucr.edu/about/policies-uc</a> IACUC Guidance: <a href="https://research.ucr.edu/ori/guidance">https://research.ucr.edu/ori/guidance</a></td>
<td>Institutional Animal Care and Use Committee (IACUC); Office of Research Integrity <a href="https://research.ucr.edu/ori/committees/iacuc">https://research.ucr.edu/ori/committees/iacuc</a></td>
<td>Animal Use Protocol (3-year renewal)</td>
<td>Working with the UCR IACUC online course Species specific video UCR Animal Program Occupational Health Review</td>
<td>Campus Veterinarian Akiko Sato 951-827-5845 IACUC Administration Patricia Steen 951-827-4809 <a href="mailto:iacuc@ucr.edu">iacuc@ucr.edu</a></td>
</tr>
<tr>
<td>Chemicals</td>
<td>Research involving chemicals</td>
<td>Chemical Hygiene Plan Chemical Inventory</td>
<td><a href="https://ehs.ucr.edu/laboratory/CHP/currentchps.html">https://ehs.ucr.edu/laboratory/CHP/currentchps.html</a></td>
<td>Standard Operating Procedures (SOPs) Chemical Inventory <a href="https://ehs.ucop.edu/chemicals/">https://ehs.ucop.edu/chemicals/</a></td>
<td>Additional Training may be required based on chemical used.</td>
<td>EH&amp;S Lab Safety <a href="mailto:ehs.laboratory@ucr.edu">ehs.laboratory@ucr.edu</a></td>
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</table>
| **Biohazardous Materials** | Biohazardous and potentially biohazardous materials, including human derived materials or infectious agents (human, animal, plant) such as, bacteria, yeast, virus, prion, fungi Recombinant DNA (rDNA) materials and activities | UCR Biosafety Manual  
Institutional Biosafety Committee (IBC) Charter  
Aerosol Transmissible Disease Program  
Bloodborne Pathogens Programs  
UCR Exposure Control Plan  
Federal Select Agents Programs  
Standard Operating Procedures  
UCR Biosafety Manual  
USDA APHIS (plant materials) | Institutional Biosafety Committee; Office of Research Integrity  
[https://research.ucr.edu/ori/committees/IBC](https://research.ucr.edu/ori/committees/IBC) | Biological Use Authorization (BUA) – 3-year renewal | Biosafety  
Bloodborne Pathogens (if applicable)  
Hepatitis B Vaccination (for work with human blood, tissue, primary human/primate cell lines or body fluids) | **Use the same contacts for all research types on this page**  
**IBC Administration**  
Lorraine Castro  
951-827-5549  
Ian Naftzger  
951-827-5524  
ibc@ucr.edu  
Acting Biosafety Officer (BSO):  
Tiffany Kwok  
951-827-4244  
ehslaboratory@ucr.edu  
**BSL-3**  
High Containment Laboratory Oversight Group (HCLOG)  
Dual Use Research of Concern (DURC), if applicable  
**BSL-3 Lab Specific Manual**  
**BSL-3 Researcher Training**  
**BSL-3 Annual Training**  
Medical Surveillance may be required based on agents used. | **Use the same contacts for all research types on this page**  
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**BSL-3 Researcher Training**  
**BSL-3 Annual Training**  
Medical Surveillance may be required based on agents used. |
| **Select Agents** | CDC Select Agents  
USDA High-Risk Livestock Pathogens | UCR Biosafety Manual  
UCR BSL-3 Biorisk Plan  
Institutional Biosafety Committee (IBC) Charter  
Aerosol Transmissible Disease Program  
Bloodborne Pathogens Programs  
Exposure Control Plan  
Federal Select Agents Program  
Dual Use Research of Concern (DURC)  
Standard Operating Procedures | Institutional Biosafety Committee  
[https://research.ucr.edu/ori/committees/IBC](https://research.ucr.edu/ori/committees/IBC)  
High Containment Laboratory Oversight Group (HCLOG)  
Dual Use Research of Concern (DURC), if applicable | Biological Use Authorization (BUA)  
BSL-3 Lab Specific Manual | Biosafety  
Bloodborne Pathogens  
UCI BSL-3 Researcher Training  
BSL-3 Annual Training  
Medical Surveillance may be required based on agents used. | **Use the same contacts for all research types on this page**  
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<tbody>
<tr>
<td>Controlled Substances</td>
<td>Research involving regulated controlled substances (Schedule I to V)</td>
<td>UC Policy BFB-BUS-SO: Controlled Substances</td>
<td><a href="https://ehs.ucr.edu/controlledsubstances/index.html">https://ehs.ucr.edu/controlledsubstances/index.html</a></td>
<td>Controlled Substance Use Authorization</td>
<td>Controlled Substances</td>
<td>EHS 951-827-5528</td>
</tr>
<tr>
<td></td>
<td></td>
<td>UCR Policy #850-35: Procurement, Use, and Disposal of Controlled Substances</td>
<td><a href="https://www.deadiversion.usdoj.gov/schedules/">https://www.deadiversion.usdoj.gov/schedules/</a></td>
<td>Use Logs</td>
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<td></td>
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<td>21 CFR 1308.11-1308.15</td>
<td></td>
<td>Biennial Inventory</td>
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<tr>
<td>Field Research</td>
<td>TBD</td>
<td>Field Safety Plan</td>
<td>TBD</td>
<td>TBD</td>
<td></td>
<td>Pamela See 951-827-5878</td>
</tr>
<tr>
<td>Human Subjects</td>
<td>Research involving human subjects or donated source materials</td>
<td>45 CFR 46</td>
<td>Institutional Review Board (IRB)</td>
<td>Determination of Activity form</td>
<td>Collaborative Institutional Training Initiative (CITI) online Human Subjects Training (May not be required depending on materials used; contact <a href="mailto:irb@ucr.edu">irb@ucr.edu</a> for information)</td>
<td>IRB Administration 951-827-4811</td>
</tr>
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<td><a href="https://research.ucr.edu/ori/committees/IRB-Clin">https://research.ucr.edu/ori/committees/IRB-Clin</a></td>
<td>General IRB application form and project roster</td>
<td></td>
<td>Monica Wicker 951-827-4811</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>Biological Use Authorization (BUA) (Applicable for research with human specimens)</td>
<td></td>
<td>Lorraine Castro 951-827-5549</td>
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<td></td>
<td></td>
<td><a href="mailto:irb@ucr.edu">irb@ucr.edu</a></td>
</tr>
<tr>
<td>Stem Cells</td>
<td>Research involving human pluripotent stem cells</td>
<td>California Department of Public Health Guidelines for Human Stem Cell Research</td>
<td>Stem Cell Research Oversight Committee (SCRO)</td>
<td>Stem Cell Use Authorization (SCUA)</td>
<td>Biosafety</td>
<td>SCRO / IBC Administration</td>
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<td></td>
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<td>UCR Biosafety Manual</td>
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<td></td>
<td>Hepatitis B Vaccination</td>
<td><a href="mailto:irbc@ucr.edu">irbc@ucr.edu</a></td>
</tr>
<tr>
<td></td>
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<td>Institutional Biosafety Committee (IBC) Charter</td>
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<td>Acting Biosafety Officer (BSO)</td>
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<td></td>
<td>Tiffany Kwok 951-827-4244</td>
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<td></td>
<td><a href="mailto:ehslaboratory@ucr.edu">ehslaboratory@ucr.edu</a></td>
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<tr>
<td><strong>Conflict of Interest</strong></td>
<td>Research involving conflicts of interest (COI)</td>
<td>Policies for Non-Governmental Sponsor (State Law – 700-U), Public Health Service &amp; Organizations following PHS Regulations, and National Science Foundation &amp; Organizations following NSF Policy can be found on the Promoting Research Objectivity Committee - formerly the Conflict of Interest Committee (PRO) website: <a href="https://research.ucr.edu/ori/committees/pro">https://research.ucr.edu/ori/committees/pro</a></td>
<td>Promoting Research Objectivity Committee - formerly the Conflict of Interest Committee (PRO) website: <a href="https://research.ucr.edu/ori/committees/pro">https://research.ucr.edu/ori/committees/pro</a></td>
<td>Required forms for State Law, PHS and NSF can be found on the Promoting Research Objectivity Committee - formerly the Conflict of Interest Committee (PRO) website: <a href="https://research.ucr.edu/ori/committees/pro">https://research.ucr.edu/ori/committees/pro</a></td>
<td>For 700-U (State): No required training For PHS: Required COIR training is through the UC Learning Center system, entitled “Compliance &amp; Conflict of Interest for Researchers Briefing (COIR)” For NSF: No required training</td>
<td>PRO Administration</td>
</tr>
<tr>
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<td>A COI is a situation where an investigator’s outside financial interests bias or have the potential to bias a research project. This also applies to the immediate family</td>
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<td>Monica Wicker</td>
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<td>Karen Janiga</td>
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<td>951-827-5748</td>
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<td>Ondra Carter</td>
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<td>951-827-5529</td>
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<tr>
<th>Equipment</th>
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</table>
| Chemical Fume Hood Certification  | Safety and Industrial Hygiene Manager  
Beiwei Tu  
951-827-2964                                           |
| Chemical Fume Hood Repair         | Submit a Facilities Service Work Order at  
http://fmm.ucr.edu/fmm/fwo.menu                  |
| Biosafety Cabinet Certification   | Schedule an appointment with  
Technical Safety Services at (800) 877-7742                                          |
| Respirators                       | Safety and Industrial Hygiene Manager  
Beiwei Tu  
951-827-2964                                           |