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**UNIVERSITY OF UTAH RESEARCH ALERT LEVELS WITH COVID-19 PROTOCOLS**

<table>
<thead>
<tr>
<th>Allowable research activities</th>
<th>GREEN Normal research operations</th>
<th>YELLOW Modified research activities</th>
<th>ORANGE Limited research activities</th>
<th>RED Essential research activities only</th>
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</thead>
</table>
| Routine operations in compliance with EHS guidelines and requirements. | • Only activities that can be safely conducted with appropriate situation-specific safety protocols, along with normal EHS guidelines, are permitted.  
• High hazard operations should be minimized. | • Only activities that can be safely conducted with limited personnel and appropriate situation-specific safety protocols, along with normal EHS guidelines, are permitted.  
• High hazard operations should be minimized. | • Priority clinical and pre-clinical research.  
• Animal care or priority animal research.  
• Maintenance of other live organisms (e.g. plants, fungi, non-vertebrates) and cell cultures.  
• Maintenance of equipment/infrastructure that will be damaged by interruptions.  
• Research functions necessary for health and safety.  
• Other urgent research activities if approved by the VPR. |

| COVID-19 Laboratory protocols | You may only come to campus if:  
• You have had no fever for at least 72 hours (that is three full days of no fever without the use of medicine that reduces fevers)  
AND:  
• Accommodations should be made so that high risk personnel can work from home.  
• Maintain at least 6-feet of | You may only come to campus if the conditions listed under GREEN are met, AND:  
• Anyone who can work remotely should do so.  
• Accommodations should be made for high risk personnel to work from home. | You may only come to campus if the conditions listed under GREEN are met, AND:  
• Anyone who can work remotely should do so.  
• All meetings should be held electronically. | You may only come to campus for essential research if the conditions listed under GREEN are met, AND:  
• Anyone who can work remotely should do so.  
• All meetings should be held electronically. |

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<table>
<thead>
<tr>
<th>COVID-19 human subjects research protocols</th>
<th>For both staff and subjects:</th>
<th>You may only conduct human subjects research if conditions in GREEN are met AND:</th>
<th>You may only conduct human subjects research if conditions in GREEN are met AND:</th>
<th>• Participant research visits must be performed remotely whenever possible.</th>
<th>• If a research visit cannot be performed remotely,</th>
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<tr>
<td></td>
<td>• You have had no fever for at least 72 hours (that is three full days of no fever)</td>
<td>• Remote mechanisms for performing participant</td>
<td>• Remote mechanisms for participant</td>
<td>• Small rooms (e.g., office, procedure room, tissue culture room) should have no more than one occupant.</td>
<td>• Always maintain at least 6-feet of separation. For example, only one person per bay or one person per half bay, depending on lab configuration.</td>
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<td>AND</td>
<td>• Small rooms (e.g., office, procedure room, tissue culture room) should have no more than one occupant.</td>
<td>• Always maintain at least 6-feet of separation. For example, only one person per bay or one person per half bay, depending on lab configuration.</td>
<td>• State guidelines regarding face coverings apply.</td>
<td>• To avoid physical overlap, time at the lab should be scheduled, such as through calendaring.</td>
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<td>• You have not had contact with anyone who is COVID positive (including the 5 days before they were positive) for 14 days.</td>
<td>• In person interactions should be limited to &lt;50 people.</td>
<td>• In person interactions should be limited to &lt;10 people with at least 6 feet of separation at all times.</td>
<td>• Each lab should maintain a check list of surfaces to sanitize at the start and end of each shift, including shared equipment and fridge doors/handles, etc.</td>
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<td>• Other symptoms have improved (for example, when your cough or shortness of breath have improved) AND • At least 10 days have passed since your symptoms first appeared.</td>
<td>• Everyone is expected to follow state guidelines for face coverings.</td>
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<td>• To avoid physical overlap, time at the lab should be scheduled, such as through calendaring.</td>
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| Without the use of medicine that reduces fevers AND • other symptoms have improved (for example, when your cough or shortness of breath have improved) AND • at least 10 days have passed since your symptoms first appeared. AND • You have not had contact with anyone who is COVID positive (including the 5 days before they were positive) for 14 days | Research visits are encouraged. • If a research visit cannot be performed remotely, the principal investigator, in consultation with the participant’s clinical care provider, should determine if the visit is essential to the participant’s health and/or well-being. • Research visits that cannot be performed remotely or in conjunction with a clinical visit and are essential to a participant’s health and/or well-being may be performed in person. • Research visits that cannot be performed remotely and are not essential to a participant’s health and/or well-being may be conducted in-person if the participant has no signs of infection, personnel are limited, the Universal Masking Policy is followed, and the visit is as brief as possible. • Enrollment of new patients on a clinical trial or other human subjects-related research should occur only if: 1) participation is essential to a participant's health and/or well-being; or 2) interactions can be conducted remotely; or 3) the work can be conducted in the scope of clinical care; or 4) the participant is COVID test negative and has been isolated since test results were obtained. | Whenever possible. • Research visits for participants who are already enrolled that cannot be performed remotely or in conjunction with a clinical visit and are essential to a participant's health and/or well-being may be performed in person. • Subjects already enrolled in existing studies that are non-essential to a participant’s health and/or well-being may be performed in person. • Subjects already enrolled in existing studies that are non-essential to a participant’s health and/or well-being, but encouraged to be completed based on pre-defined milestones, can be conducted if the studies are performed in the scope of clinical care. • Enrollment of new patients into existing studies or new studies can occur if: 1) participation is essential to a participant's health and/or well-being; or 2) interactions can be conducted remotely; or 3) the work can be conducted in the scope of clinical care; or 4) the participant is COVID test negative and has been isolated since test results were obtained. | The PI, in consultation with the participant’s clinical care provider, should determine if the visit is essential to the participant’s health and/or well-being. • Essential research visits MUST comply with Universal Masking policies. • In-person non-essential research visits should cease. • Research visits that cannot be performed remotely or in conjunction with a clinical visit and are essential to a participant’s health and/or well-being may be performed in person. • Research visits that cannot be performed remotely and are not essential to a participant’s health and/or well-being should be postponed. • Enrollment of new patients on a clinical trial or other human subjects-related research should occur only if: 1) participation in the

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<tr>
<th>COVID-19 Fieldwork protocols</th>
<th>You may only conduct fieldwork if:</th>
<th>You may only conduct fieldwork if conditions in GREEN are met AND:</th>
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<th>You may only conduct approved essential fieldwork if conditions in GREEN are met AND:</th>
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<td></td>
<td>You have had no fever for at least 72 hours (that is three full days of no fever without the use medicine that reduces fevers)</td>
<td>University travel restrictions apply.</td>
<td>Your visit should be as brief as possible and you should bring all supplies with you, including food.</td>
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<td>Your visit should be as brief as possible and you should bring all supplies with you, including food.</td>
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Studies that do not fit the above enrollment criteria can be submitted for review by an independent board comprised of clinical experts for potential approval to resume research activities.

If the above criteria are met, studies must: ensure that participant and all research personnel meet “green” criteria; limit the number of personnel at each study visit; follow Universal Masking Policy; and keep visits as brief as possible.

IRB-approved Volunteer blood draws are allowed with appropriate use of PPE (gloves, masks, eye protection) and time of close proximity limited to the extent possible.

Relocation of necessary in-person visits from University Hospitals and Clinics to research compliant space on campus is encouraged.

See full guidelines at the VPR COVID-19 website.

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You may only come to campus if:
- You have had no COVID-19 symptoms (for example, when your cough or shortness of breath have improved)
- at least 10 days have passed since your symptoms first appeared.
- You have not had contact with anyone who is COVID positive (including the 5 days before they were positive) for 14 days.

Ensure that the Field Research Safety Plan identifies a local facility where medical assistance can be sought.

Please do not visit local stores, restaurants, retail etc.
- Wash or sanitize your hands when arriving or leaving any facilities.
- Isolate from local residents and other researchers and travelers, and maintain at least 6-feet of separation as much as possible.
- Everyone is expected to follow state guidelines for face coverings.
- Maintain a check list of surfaces to sanitize at the start and end of each shift, including shared equipment and field supplies.
- Field supplies must include adequate PPE and supplies (e.g. disinfectant) to meet these requirements, including a thermometer.

You may only conduct fieldwork if conditions in GREEN are met AND:
- You may only conduct fieldwork if conditions in GREEN are met AND:
- You may only come to campus for essential research if the conditions

with you, including food.
- Wash or sanitize your hands when arriving or leaving any facilities.
- Isolate from local residents and other researchers and travelers, and always maintain at least 6-feet of separation.
- Researchers should not travel together.
- State guidelines regarding face coverings apply.
- While indoors, small rooms should have no more than one occupant.
- Maintain a check list of surfaces to sanitize at the start and end of each shift, including shared equipment and field supplies.
- Field supplies must include adequate PPE and supplies (e.g. disinfectant) to meet these requirements, including a thermometer.

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<tr>
<th>COVID-19 Animal research protocols (excludes zebrafish; please contact Centralized Zebrafish Animal Resource Facility for specific guidance)</th>
<th>Normal IACUC, IBC and EHS protocols, procedures and oversight apply.</th>
<th>Animal research may be performed if the conditions listed under GREEN are met, AND:</th>
<th>Animal research must be approved by the Vice Dean for Research (HSC) or cognizant Associate Dean for Research (main campus) and investigators must complete the OCM COVID-19 restart application form.</th>
<th>Only animal care or essential animal research are permitted.</th>
<th>You may only perform animal care, essential animal research or enter the vivarium if conditions in GREEN are met AND:</th>
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<td>Fever for at least 72 hours (that is three full days of no fever without the use medicine that reduces fevers) AND • other symptoms have improved (for example, when your cough or shortness of breath have improved) AND • at least 10 days have passed since your symptoms first appeared. AND • You have not had contact with anyone who is COVID positive (including the 5 days before they were positive) for 14 days.</td>
<td>Accommodations should be made so that high risk personnel can work from home. • Maintain at least 6-feet of separation as often as possible. • In person interactions should be limited to &lt;50 people. • Everyone is expected to follow state guidelines for face coverings. • Sanitize at the start and end of each visit to offices, libraries and other campus facilities.</td>
<td>Anyone who can work remotely should do so. • Accommodations should be made so that high risk personnel can work from home. • Always maintain at least 6-feet of separation between people AND work areas. • In person interactions should be limited to &lt;10 people with at least 6 feet of separation. • Everyone is expected to follow state guidelines for face coverings. • Sanitize at the start and end of each visit to offices and other campus facilities.</td>
<td>list under GREEN are met, AND: • Anyone who can work remotely should do so. • All meetings should be held electronically. • Small rooms and offices should have no more than one occupant. • Always maintain at least 6-feet of separation. • State guidelines regarding face coverings apply. • To avoid physical overlap, time at offices and campus facilities should be scheduled, such as through calendaring. • Sanitize at the start and end of each visit to offices and other campus facilities.</td>
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<th>Red</th>
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<td>• You have had no fever for at least 72 hours (that is three full days of no fever without the use medicine that reduces fevers) AND • other symptoms have improved (for example, when your cough or shortness of breath have improved) AND • at least 10 days have passed since your symptoms first appeared. AND • You have not had contact with anyone who is COVID positive (including the 5 days before they were positive) for 14 days.</td>
<td>• You may only perform animal research and enter vivarium space if the conditions listed under GREEN are met, AND: • Personnel who require access to the vivarium have OCM approval. • Accommodations are made for high risk personnel to work from home. • Personnel maintain at least 6-feet of separation between people AND work areas. For example, only one person per small room or hood. • Laboratory Safety Standards as well as vivarium disinfections and PPE procedures apply.</td>
<td>• Essential personnel complete OCM Vivarium entry application. • Essential personnel maintain at least 6-feet separation and wear appropriate PPE. • Essential personnel follow Laboratory Safety Standards including appropriate laboratory disinfections.</td>
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| COVID-19 guidelines for student involvement in research | Student research activities can proceed normally. | • Laboratory Safety Standards as well as vivarium disinfections and PPE procedures are followed.  
• Physical overlap between personnel is limited and time in the lab or vivarium is coordinated with the lab or facility supervisor. | • Only essential graduate student research activities are permitted onsite.  
• Graduate students and post-doctoral researchers who are not comfortable working onsite should not be asked to do so.  
• Undergraduate research activities can only be conducted remotely. |

- Graduate student research that can be conducted safely is permitted.
  - Accommodations should be made for high risk students and post-docs to work from home.
  - Undergraduate research may be permitted onsite depending on overall guidance for undergraduate student activities.
- Onsite graduate student research activities should be limited.
  - Graduate students and post-doctoral researchers who are not comfortable working onsite should not be asked to do so.
  - Undergraduate research activities can only be conducted remotely.