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

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<th>Allowable Research Activities</th>
<th>Normal Research Operations</th>
<th>Modified Research Activities</th>
<th>Limited Research Activities</th>
<th>Essential Research Activities</th>
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</table>
| Routine operations (in compliance with EHS) can proceed as normal. | Research activities that can be safely conducted under current CDC COVID-19 Guidelines, University of Utah, and normal EHS guidelines and recommendations are permitted. | 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. | All research activity is limited to essential research activities only. Essential research activities include:  
- Priority clinical and pre-clinical research.  
- Animal care or priority animal research.  
- Maintenance of other live organisms and cell cultures (e.g., plants, fungi, non-vertebrates)  
- Maintenance of equipment/infrastructure that would be damaged by interruptions.  
- Other urgent research activities that are approved by the VPR. |

**COVID-19 Laboratory Protocols**

- All research activities may proceed as normal. You should only come to campus if:
  - You are not experiencing COVID or Flu-like symptoms, including no fever for at least 24 hours (without the use of medicine that reduces fever)
  - All other symptoms (such as cough or shortness of breath) have improved.
  - You have not had contact with anyone who is COVID positive for 10 days
- You may come to campus if all conditions listed under GREEN are met, AND:
  - Students, faculty, and staff should follow current CDC COVID-19 Guidelines, University of Utah COVID-19 Guidelines, and normal EHS guidelines and recommendations.
  - PPE appropriate to the setting and hazard must be worn based on a hazard evaluation of the laboratory operations and document in the SAM system.
  - Encourage high risk personnel to contact the ADA Coordinator or complete a TWA to accommodate work from home.
  - Continue to sanitize at the start and end of each visit to labs and other campus facilities.
- You may only come to campus if the conditions under GREEN are met, AND:
  - Remote work is highly encouraged.
  - Accommodations should be made for high-risk personnel to work from home.
  - Small rooms (e.g., offices, procedure rooms, tissue culture rooms, etc.) should have no more than one occupant at a time.
  - Always maintain at least 6-feet of separation between people and work areas. For example, only one person per bay or one person per half bay, depending on lab configuration.
  - In-person interactions should be limited to <10 people with at least 6 feet of separation at all times.
  - All individuals are expected to follow university guidelines for face coverings.
  - To avoid physical overlap, time at the lab must be scheduled.
  - Each lab must maintain a checklist of surfaces to sanitize at the start and end of each shift, including shared equipment and fridge doors/handles, etc.
- You may only come to campus if the conditions under GREEN are met, AND:
  - Anyone who can work remotely should do so.
  - All meetings must be held electronically.
  - Small rooms (e.g., offices, procedure rooms, tissue culture rooms, etc.) should have no more than one occupant at a time.
  - All individuals are expected to maintain at least 6-feet of separation and follow university guidelines for face coverings.
  - To avoid physical overlap, time at the lab must be scheduled.
  - Each lab must maintain a checklist of surfaces to sanitize at the start and end of each shift, including shared equipment and fridge doors/handles, etc.

*These protocols are subject to changes in local, state, and CDC guidelines. Please check frequently for updates.*
<table>
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<tr>
<th>COVID-19 Human Subjects Research Protocols</th>
<th>You may conduct human subjects research if all conditions listed under GREEN are met, AND:</th>
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<th>You may only conduct human subjects research if the conditions under GREEN are met, work being conducted is approved, essential work, AND:</th>
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<td>All research activities involving human subjects may proceed as normal. You should only come to campus if:</td>
<td>- Students, faculty, and staff should follow current CDC COVID-19 Guidelines, University of Utah COVID-19 Guidelines, and normal EHS guidelines and recommendations.</td>
<td>- Participant research visits are performed remotely whenever possible.</td>
<td>- In-person participant research visits that cannot be performed remotely and are NOT essential to a participant’s health and/or well-being must be postponed.</td>
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<td>You are not experiencing COVID or Flu-like symptoms, including no fever for at least 24 hours (without the use of medicine that reduces fever)</td>
<td>- All individuals involved in human subjects research should follow current University of Utah COVID-19 Guidelines for masking in healthcare settings.</td>
<td>- Research visits for participants who are already enrolled, that cannot be performed remotely/in conjunction with a clinical visit and are essential to a participant’s health or well-being may be performed in-person.</td>
<td>- Participant research visits are performed remotely, whenever possible.</td>
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<td>All upper symptoms (such as cough or shortness of breath) have improved.</td>
<td>- PPE appropriate to the setting and hazard must be worn based on a hazard evaluation of the research operations.</td>
<td>- Students already enrolled in existing studies that are non-essential to a participant’s health and well-being may be conducted in-person IF the participant has no signs of illness personnel are minimized, the university guidelines for face coverings are followed, and the visit is as brief as possible.</td>
<td>- If a research visit cannot be performed remotely, the PI (in consultation with the participants’ clinical care provider) should determine if the visit is essential to the participant’s health and/or well-being.</td>
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<td>You have not had contact with anyone who is COVID positive for 10 days</td>
<td>- Encourage high risk personnel to contact the ADA Coordinator or complete a TWA to accommodate work from home.</td>
<td>- Enrollment of new participants into existing studies or new studies may occur unless new enrollment impedes or weakens protection of the participant, other patients/subjects, or the care team from COVID-19 exposure.</td>
<td>- 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.</td>
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<td>- Continue to sanitize at the start and end of each visit to labs and other campus facilities.</td>
<td>- During pre-visit screening (which includes symptoms, exposure history, and travel history), study teams may ask about vaccination status but may not use this as enrollment or scheduling criteria unless defined.</td>
<td>- 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.</td>
<td>- Essential research visits must comply with university guidelines for face coverings.</td>
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<td>- You should continue at home.</td>
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<td>- Enrollment of new patients on a clinical trial or other human subjects-related research should only occur if: 1) participation in the research is essential to the participant’s health and/or well-being; Or 2) the interactions can be conducted remotely.</td>
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<td>- 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.</td>
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| COVID-19 Fieldwork Protocols | All fieldwork activities involving human subjects may proceed as normal. You should only come to campus if:  
- You are not experiencing COVID or Flu-like symptoms, including no fever for at least 24 hours (without the use of medicine that reduces fever)  
- All other symptoms (such as cough or shortness of breath) have improved. | You may conduct field work if all conditions listed under GREEN are met, AND:  
- Students, faculty, and staff should follow current [CDC COVID-19 Guidelines](https://www.cdc.gov), [University of Utah COVID-19 Guidelines](https://www.utah.edu), and normal EHS guidelines and recommendations.  
- Field supplies must include adequate PPE and supplies (e.g. disinfectant, thermometer) to meet these requirements.  
- All participating individuals are encouraged to isolate from residents and other researchers and travelers as much as possible. | You may only conduct fieldwork if conditions listed under GREEN are met, AND:  
- Always maintain 6-feet of physical separation and follow all university guidelines for face coverings.  
- Your visit is as brief as possible.  
- Bring all necessary supplies with you (including food). Please do not visit local stores, restaurants, retail, etc.  
- Sanitize before and after leaving any facilities.  
- Isolate from residents and other researchers/travelers.  
- While indoors, small rooms should have no more than one occupant.  
- Maintain a checklist of surfaces to sanitize at the start and end of each shift, including any shared equipment and field supplies.  
- Field supplies must include adequate PPE and supplies (e.g. disinfectant, thermometer) to meet these requirements.  
- You may only conduct fieldwork if conditions listed under GREEN are met, AND:  
- Always maintain 6-feet of physical separation and follow all university guidelines for face coverings.  
- Your visit is as brief as possible.  
- Bring all necessary supplies with you (including food). Please do not visit local stores, restaurants, retail, etc.  
- Sanitize before and after leaving any facilities.  
- Isolate from residents and other researchers/travelers.  
- While indoors, small rooms should have no more than one occupant.  
- Maintain a checklist of surfaces to sanitize at the start and end of each shift, including any shared equipment and field supplies.  
- Field supplies must include adequate PPE and supplies (e.g. disinfectant, thermometer) to meet these requirements. |
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<td>• You have not had contact with anyone who is COVID positive for 10 days</td>
<td>All research activities can proceed as normal. Standard IACUC, IBC and EHS protocols/procedures/oversight apply. You should only come to campus if:  • You are not experiencing COVID or Flu-like symptoms, including no fever for at least 24 hours (without the use of medicine that reduces fever)  • All other conditions (such as cough or shortness of breath) have improved.  • You have not had contact with anyone who is COVID positive for 10 days</td>
<td>All student research activities may proceed as normal. You should only come to campus if:</td>
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<td>You may come to campus if all conditions listed under GREEN are met, AND:  • Students, faculty, and staff should follow current CDC COVID-19 Guidelines, University of Utah COVID-19 Guidelines, and normal EHS guidelines and recommendations.  • All Laboratory Safety standards, as well as vivarium disinfections and PPE procedures, apply.  • Encourage high risk personnel to contact the ADA Coordinator or complete a TWA to accommodate work from home.  • Continue to sanitize at the start and end of each visit to labs and other campus facilities.</td>
<td>You may come to campus if all conditions listed under GREEN are met, AND:</td>
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<td>You may only come to campus for 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.  • Small rooms should have no more than one occupant at a time.  • Always maintain 6-feet of physical separation and follow all university guidelines for face coverings.  • It is recognized that some essential procedures, such as injections or surgeries, cannot be performed unless personnel are closer to each other than 6 feet. Exemptions to the 6-foot separation rule must be approved by OCM and performed by specifically identified, trained, and consented staff. Appropriate PPE (e.g., surgical masks, gloves, gowns, eye protection, etc.) is required.  • Laboratory Safety standards, including vivarium disinfections and PPE procedures, are followed.  • Physical overlap between personnel is limited, and time in the lab/vivarium is coordinated with lab or facility supervisor.</td>
<td>You may only come to campus if the conditions under GREEN are met, work being conducted is approved, essential work, AND:  • Only animal care and/or essential animal research are permitted.  • Essential personnel complete OCM vivarium entry application.  • All essential personnel are expected to maintain at least 6-feet of separation and follow university guidelines for face coverings.  • Essential personnel must follow all Laboratory Safety Standards, including appropriate PPE and laboratory disinfections.</td>
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<td>Onsite graduate student research activities should be limited as often as possible. Graduate students and post-doctoral researchers who are not comfortable working onsite should not be asked to do so.</td>
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| • You are not experiencing COVID or Flu-like symptoms, including no fever for at least 24 hours (without the use of medicine that reduces fever) | **University of Utah COVID-19 Guidelines**, and normal EHS guidelines and recommendations. **Encourage high risk personnel to contact the ADA Coordinator or complete a TWA to accommodate work from home.** | Onsite undergraduate research is allowed with designated approvals according to **university policy**. | Undergraduate research activities can only be conducted remotely. |
| • All other symptoms (such as cough or shortness of breath) have improved. | • You have not had contact with anyone who is COVID positive for 10 days | • Continue to sanitize at the start and end of each visit to all offices, libraries, and other campus facilities. |