

**JHU Animal Research Coronavirus Phased Contingency Plan**  
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**IMMEDIATE ACTION ITEMS:**

**For All JHU Animal Researchers, Regardless of School or Affiliation:**

1. Regularly check and comply with guidance published at <https://researchanimalresources.jhu.edu/alerts/>.
2. As requested, provide up-to-date information on emergency contacts, critical lab personnel, and ongoing/critical experiments and animals.
3. Contact Research Animal Resources or SKCCC Animal Resources immediately in the case that lab staff are unable to maintain normal animal care, monitoring, or required experimental treatments/procedures

**For RAR/CRB Staff:**

1. Provide up to date contact information to your supervisor or at <https://researchanimalresources.jhu.edu/staff-contact-info/>.
2. Indicate the best method to reach you (i.e. text vs email vs phone call, etc), and whether you are reliably able to access the internet after hours.
3. Save the RAR Contingency Updates webpage as a favorite on your phone and computer: <https://researchanimalresources.jhu.edu/alerts/>.
4. Plan to attend PAPR or ABSL3 training at a future time TBD

**BACKGROUND:**

**Guiding Principles:**

*NOTE: It is very likely that some aspects of this plan will change in response to unexpected conditions.*

Throughout the planning and execution of this plan and all other activities, Research Animal Resources and SKCCC Animal Resources have 3 primary obligations. In order of priority, these are:

1. Ensuring the safety and well-being of employees, researchers, and other people.
2. Ensuring the health and welfare of research animals.
3. Ensuring the continuity, integrity, and success of Johns Hopkins animal research.

With these principles in mind, JHU Research Animal Resources and SKCCC Animal Resources has developed a phased contingency plan for coronavirus spread. These phases are specific to the animal research mission and do not reflect the approach of other divisions or groups within JHU, nor the overall approach by JHU and JHH.

**PHASED DEPLOYMENT OF CONTINGENCY PLAN:**

	<b>Example Triggering Criteria ***may be modified***</b>	<b>Changes to Research ***may be modified***</b>
<b>Phase 0</b>	<ul style="list-style-type: none"> <li>• Potential, but no immediate threat of spread to JHU researchers and employees</li> </ul>	<ul style="list-style-type: none"> <li>• Regularly check and follow guidelines published at <a href="https://researchanimalresources.jhu.edu/alerts/">https://researchanimalresources.jhu.edu/alerts/</a></li> </ul>
<b>Phase 1</b>	<ul style="list-style-type: none"> <li>• JHU restrictions implemented for trainees</li> <li>• JHU affiliate cases develop</li> <li>• MD community spread</li> </ul>	<ul style="list-style-type: none"> <li>• Limit ordering new animals</li> <li>• Delay animal experiments unless critical</li> <li>• Reduce large animal surgery scheduling</li> </ul>
<b>Phase 2</b>	<ul style="list-style-type: none"> <li>• Baltimore community spread</li> <li>• JHU community spread</li> <li>• High absenteeism</li> <li>• Baltimore City Schools closed</li> </ul>	<ul style="list-style-type: none"> <li>• Animal orders, imports, exports stopped</li> <li>• Label critical animals/cages or those requiring treatment</li> <li>• Reduce cage census as much as possible</li> <li>• No new ABSL-2 or ABSL-3 experiments</li> <li>• Inform RAR/CRB if lab cannot provide animal care/ongoing treatments</li> <li>• Large animal surgeries cancelled</li> </ul>
<b>Phase 3</b>	Massive regional disruption / JHU closure	<ul style="list-style-type: none"> <li>• No new animal experiments</li> <li>• Critical lab personnel must “check in” regularly with RAR</li> </ul>
***This plan is subject to change as situation evolves		V 1.0 3/12/2020

**PHASE ONE:**

**Example criteria for deployment:** Evidence of community spread within Maryland, confirmed cases among JHU employees, other significant impacts to JHU community (e.g. cancellation of classes or meetings, social separation measures)

**Changes to research operations:**

**Rodent users:**

1. Limit ordering of new animals and begin planning to reduce cage census
2. Delay non-time-sensitive animal experiments

**Large animal users:**

1. Limit ordering of new animals
2. Users of RAR Large Animal Operating Rooms should slow ongoing surgical procedures
3. Delay experiments requiring significant post-procedural care

**PHASE TWO:**

**Example criteria for deployment:** Evidence of community spread within Baltimore or among JHU employees, significant absenteeism, significant disruption to local infrastructure (e.g. city or county school closures).

**Changes to research operations:**

**Rodent users:**

1. Labs should mark cages according to priority (as described here: <https://researchanimalresources.jhu.edu/contingency/>), euthanize extraneous animals, and make provisions for necessary ongoing experimental treatments/procedures.
2. Animal orders and imports/exports will be halted except in extenuating circumstances.
3. Labs should not begin new experiments in ABSL-2 or ABSL-3 areas.
4. Labs must inform RAR/CRB immediately if all personnel listed as critical on the questionnaire are unable to continue required ongoing experimental treatments, breeding colony management, satellite housing care, etc.

**Large animal users:**

1. RAR Large Animal Operating Rooms will be closed for experimental procedures and surgeries, except by prior arrangement with RAR for ongoing experiments.
2. Animal orders and imports/exports for RAR and CRB will be halted except in extenuating circumstances.

**PHASE THREE:**

**Example criteria for deployment:** JHU closure, massive disruption of local infrastructure, government imposed movement restrictions.

**Changes to research operations:**

1. As above in phase 2
2. Labs must not begin any new animal experiments.
3. Emergency contacts for labs must be available for and expect frequent contact from RAR/CRB regarding disposition of animals.
4. Labs must “check in” at least weekly to ensure continued coverage by critical staff.