

in response to COVID-19 are consistent with the Marquette University [Recovery Plan](#) and [Ramping Research plan](#). The expectation is that all research personnel will adhere to the following principles while conducting research with human subjects, whether on or off campus.

A. Relevant Guiding Principles

Principle #1 Recommendations and guidelines which mitigate risk of the spread of infection must adhere to local government and public health directives when working with human participants. See the [Marquette University Recovery Plan](#) for specifics.

- x Physical distancing: Maintain a distance of at least 6 feet from others.

-disclosure

form <https://www.marquette.edu/coronavirus/covid19-employeeand-student-voluntary-disclosure.php>

- x Research activity is voluntary: Because some individuals may not be comfortable with on-site work, participation in research activities is voluntary during initial phases of research rampup. Students and other trainees are particularly vulnerable and must not be made to feel that participation is required.
- x Cleaning: Shared laboratory workspace, keyboards, etc. must be wiped down by the individual research personnel with 70% ethanol or similar approved disinfectant solution.

prior to commencing work, and after finishing work. Facilities Planning and Management (FPM) will provide cleaning materials and guidance for proper usage in laboratory and other non-public spaces not maintained by FPM personnel.

- x Training of research personnel: Faculty/Principal Investigators (PIs) are responsible for educating and training research personnel and regular monitoring of compliance with University guidelines related to COVID-19. Faculty will provide a list of research personnel, paths taken by personnel to reach research spaces, laboratory facilities, and bathrooms used by research personnel to their Department Chair to identify traffic areas in need of more intensive cleaning and to coordinate use of space.
- x Planning for resurgence: Faculty/PIs must be prepared with contingency plans in the event of a COVID-19 resurgence and/or need to ramp down research activities. In addition, the research community is expected to be responsive to modification of this plan due to changing COVID-19 guidance/requirements.

B. Laboratory Guidance

1) Research Activities to be Conducted Remotely

- x All research that can be done remotely (i.e. not requiring person activities), outside of Marquette facilities or any off-campus field sites, will continue to be remote.
- x Research meetings, including laboratory meetings, will continue to be conducted online from remote locations.

2) For On-Campus (non-remote) Research

- x Screening: Anyone entering the research () o] š Ç u μ • š } u % o š š Z h v] Å Œ •] screening process prior to starting work each day. Research personnel will report that they have successfully screened to their PIs and PIs will report to the chair or designated supervisor.
- x Development of COVID-19 symptoms: Individuals developing COVID-19 symptoms

- x Faculty supervision It is expected that faculty or other designated research supervisors will be on campus regularly to ensure compliance with SOP.
- x Non-Marquette University employees who are collaborators must comply with the SOP guidelines when conducting research on Marquette campus.
- x Research activity is voluntary Because some research personnel including students may not be comfortable with on-site work, participation in research activities continues to be voluntary during this phase. Students and other trainees are particularly vulnerable and must not be made to feel that participation is required.
- x Safety Plan An approved safety plan, including check process (buddy system) must be in place and followed in any case where only one person is present at a time in a research room. This is normally expected as part of laboratory safety protocols.
- x Cleaning Laboratory workspace sanitization protocols must be strictly followed (see

- x Screening procedures of personal and participants must be strictly adhered to when engaging in face-to-face meetings. An example screening guide is found in Appendix E.
- x Protocols with participants considered at high risk (vulnerable) should take extra precautions when establishing study procedures and using proper PPE to mitigate, as much as possible, the risk of exposure. The Marquette COVID-19 Medicateam is available for consultation on an as needed basis. Refer to [CDC guidelines for who is considered a high risk participant](https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-at-higher-risk-old.html) <https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-at-higher-risk-old.html>

Screening Procedures

Prior to participant arrival: Screening process for human research participants (including phone check via phone call (or other medium) per COVID-19 Human Research Participant checklist) consider all factors when determining appropriateness for research participation

On arrival: When meeting and interacting with participant, the following procedures are suggested if determined appropriate to participate in research study:

1. Before entering research space and participating in research activities, participants will be provided a mask if they do not have their own. Participants will be asked to bring their own, if possible, to preserve PPE.
2. Upon immediate entry of research space (if not prior), temperature of participant
- 2.

D. Facility / Laboratory

- x Cleaning Research personnel must thoroughly clean and sanitize all equipment rooms used before and after each use and/or period of occupancy. Shared workspace, keyboards, etc. must be wiped down by the worker with 70% ethanol or other approved disinfectant prior to commencing work, and after finishing work.
 - o The PI involved with the research project is responsible for ensuring that cleaning and sanitizing procedures are followed before and after arrival of the participant.
 - o Facilities Planning and Maintenance (FPM) will provide cleaning materials and guidance for proper usage in laboratory research spaces and other nonpublic spaces not maintained by FPM personnel.
- x Log of Room and Equipment Use It is recommended that researchers (overseen by the PI) maintain a log of all rooms and equipment used during each session to ensure extra facilities cleaning needs are met for contact tracing as needed

E. Research with Human Participants off Campus (non-Marquette sites)

F. Personal Protection Equipment Requirements

(Donning/Doffing Protocols and Minimal Protection Requirements)

- x PPE minimal protection requirements will generally follow those provided in Table 1 below (Appendix D of the University-wide research ramp-up plan).
- x All researchers must be trained in properly donning/doffing PPE or to assisting with research. The PI associated with the research project is responsible for ensuring that all research staff are trained and proficient in minimizing contamination and viral exposure when donning/doffing PPE. See links below.
 - o Donning PPE <https://www.youtube.com/watch?v=H4jQUBAIBrI>
 - o Doffing PPE <https://www.youtube.com/watch?v=PQxOc13DxvQ>
 - o An additional instructional video with donning and doffing in the same video can be found [here](#).

Table 1: Guidelines for PPE Research Activity	Researcher PPE	Participant PPE
Physical Distancing (> 6 ft) with Minimal Aerosolization and Fluid Exposure (e.g. person interview)	Level 1 (or greater) Mask	