

Hygiene concept for data collection

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Collecting human scientific data in experimental laboratories is an important foundation of scientific research, but due to the COVID-19 pandemic, the possibilities to do so are limited. The resumption of laboratory studies is planned for the upcoming fall semester 2021. A hygiene concept, which aims to secure the health of all persons involved, is required. This particular concept follows the provisions of the state of Baden-Württemberg and the regulations of the University of Mannheim. It is based on the current development of new cases and can, therefore, be adjusted in case this development changes.

1. Scope of application

- a. This hygiene concept applies to all laboratories of the work group “Experimental Psychology” (Professur für Allgemeine Psychologie, Prof. Dr. Arndt Bröder) and the work group “Psychological Methodology and Diagnostics” (Professur für Psychologische Methodenlehre und Diagnostik, Prof. Dr. Thorsten Meiser). The following rooms of the work group “Experimental Psychology” are included: L13, 17, room 501 (Kate-Gordon-Labor); L13, 17, room 511 (Jürgen-Bredenkamp-Labor); L13, 17, rooms 117 and 118 (Hans-Irtel-Labor); Schloss, room EO 184; as well as the following rooms of the work group “Psychological Methodology and Diagnostics”: L13, 15, room 514 (Computer laboratory 1); L13, 15, room 513 (Computer laboratory 2).
- b. This Hygiene Concept is obligatory for everyone using the laboratories for data collection. An updated version of this concept can be found on the work groups’ homepage and at the administrative office during their regular opening hours.

2. Basic Information

- a. Excluded from participating in lab studies are:
 - People who are currently ill or show symptoms of a cold (e.g. fever, respiratory symptoms)

- People who were in contact with people infected with COVID-19 during the last 14 days
- b. To participate in laboratory studies, people must have a 3G-verification (recovered, vaccinated, tested), digitally or in paper. This verifies that they either recovered from COVID-19, are fully vaccinated, or have a negative antigen test result from an official test station that is not older than 24 hours. Potential participants are asked to show their 3G-verification unprompted to the instructors. Without a 3G-verification participation in a lab study is not possible.
 - c. Before laboratory appointments are scheduled, potential participants need to be informed in writing that they cannot participate if they belong to one of the groups mentioned under 2a or do not have the 3G-verification described under 2b.
 - d. Participants need to bring a verification for their laboratory appointment in order to enter the university building. Showing the SONA registration on their smartphone is sufficient.

3. Before appointments

- a. The following numbers of participants are permitted per room:
 - L13, 17, room 501 (Kate-Gordon-Labor): 2 participants or 1 instructor and 1 participant
 - L13, 17, room 511 (Jürgen-Bredenkamp-Labor): 2 participants or 1 instructor and 1 participant
 - L13, 17, rooms 117 and 118 (Hans-Irtel-Labor): a total of 6 participants (3 per room in separated, air-conditioned single cabins)
 - Schloss, room EO 184: 1 instructor, 3 participants
 - L13, 15, room 514 (Computer laboratory 1): 2 participants or 1 instructor and 1 participant
 - L13, 15, room 513 (Computerlabor 2): 2 participants or 1 instructor and 1 participant

Appointments in L13, 15-17, 5th floor (rooms 501, 511, 514 and 513), can be coordinated centrally from room 502, so that the instructor does not necessarily need to stay in the laboratory during the study. It is therefore possible to supervise two participants at the same time in these laboratories.

- b. Working materials (especially ball pens) and desks (keyboard, mouse, table, radio bell) must be sanitized before use (for each new participant). This should be done while the instructor is alone in the laboratory in order to avoid unnecessary encounters with participants.
- c. The instructor is responsible for adequate air circulation. Windows are to be tilted or opened completely for at least 5 minutes per hour. If the noise level and the outside temperatures allow it, the lab should be aired during the appointment. If the noise or the outside temperature is intolerable, the instructor can forego airing during appointments.
- d. A break of minimum 15 minutes needs to be scheduled between the appointments, so that unnecessary contact between participants can be avoided. These breaks must be used for airing and sanitizing the desks.

- e. Duration of their stay in the lab as well as contact data need to be documented for instructors and participants, so that contact tracing for potential Covid-19 cases is possible, if necessary. This can be achieved by using the “Corona-Warn-App” or the official homepage (<https://www.coronawarn.app/de/eventregistration/>) to generate daily QR-Codes which participants and instructors can scan to register themselves using the Corona-Warn-App. If the instructors or the participants do not use the Corona-Warn-App, the completion of paper forms (see appendix) is possible, which are kept under seal to adhere to data security requirements and are destroyed four weeks after the appointment. The following information must be available from participants and instructors: name, telephone number, date, time and duration of stay and room.

4. During the appointments

- a. All participants need to be informed about the adequate behaviour and the minimum distance ($\geq 2,0$ m) before the study begins. Participants need to be told that they are only allowed to leave their desk in the case of an unplanned or early stop of the study if they are wearing a medical surgical or FFP2 mask. In case of an early stop of the study, participants are required to notify the instructor in order to take the appropriate hygienic measures after a study.
- b. During interactions between participants and instructors, both have to wear a medical face mask (surgical or FFP2). Participants shall be offered a medical mask, if they did not bring their own (available in laboratories). Medical face masks are obligatory in all public areas in the building (hallways, staircases, ...). The medical face mask can be taken off at the desk if only one person is present in the laboratory. If there is more than one person in the laboratory at the same time, medical face masks also have to be worn at the desk.
- c. If two participants take part in a study in the same laboratory at the same time, instructors need to make sure that they enter separately and the second one only enters after the first one is seated. Furthermore, the instructors need to make sure that participants leave the room separately and one after the other. A medical face mask must be worn for the duration of the laboratory appointment. PCs further away from the door must be filled first to minimize contact between the participants.
- d. Disinfectant dispensers for disinfecting their hands must be provided for participants (available in the laboratories). Participants are asked to sanitize their hands when entering the laboratory.
- e. Participants are offered disposable gloves, if they want to use them (also available in the laboratories).

5. After the appointments

- a. Working material and desks need to be sanitized thoroughly after the study.

b. The laboratory needs to be aired thoroughly for at least 15 minutes after the study.

Form

For tracing contacts in case of a
detected Covid-19 infection

Name: _____

Telephone number: _____

Period of stay: _____ - _____

Date: _____

Room: _____

Instructor: _____

This form will be kept for four weeks after the research appointment in the administrative office of the Experimental Psychology Lab (Prof. Dr. Arndt Brüder) and Chair of Research Methods and Psychological Assessment (Prof. Dr. Thorsten Meiser). During this time, no one will be given access to the personal data from this form. It is also secured that this form will be destroyed four weeks after your appointment.