

Requested Information for Field Experiments: CAS/CAES 2020

The OVPR has provided the following guidance for field work at CSU:

Field Work: *Research activities that are deemed very low risk because they are performed in remote locations and thus are consistent with social distancing guidelines may be conducted while essential-in-place orders are active if approved by department heads and deans. All mandated public health safety restrictions must be observed and university travel approvals are required.*

****Listed below examples of field research that may be approved****

To enable you to pursue your work, will you please provide the following information? I will then confer with Gene Kelly, Troy Bauder and the relevant Research Center staff to help make this work.

I. Briefly describe the field experiment.

- a. What is the goal/importance of this experiment?
- b. Who is needed to accomplish the research? (names/job title/cell phones/emails)
- c. Briefly, what protocols/steps are necessary to accomplish the goals?
- d. Where will the research take place (sites, buildings)? Are Research Centers involved? If so, what staff at the Centers are needed (names/cell phones/emails)?
- e. If the research is at a distant Center, will you/your staff need to spend the night? If so, are you requesting space at the Center?
- f. What specific spaces are needed (e.g., rooms at Centers, field plots, greenhouses, etc), and what will take place in those spaces?
- g. Roughly, what is the duration of time/frequency that you/your staff need to be in that space?
- h. Do you need to take samples/data back to labs/greenhouses on campus? What is the frequency/duration you or your people would need to be in those spaces?

II. Describe general safety procedures.

- a. What safety protocols will you implement to ensure safety of your research personnel and those they will come into contact with during/after? For example:
 - i. Maintain a minimum of 6 ft. between individuals
 - ii. Practice good hygiene. Wash hands regularly and avoid touching your face.
 - iii. Wear gloves
 - iv. Wear a face covering to protect yourself and others
(<https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/diy-cloth-face-coverings.html>)
 - v. Do not share vehicles, utility vehicles (UTV), machinery or equipment; (difficult to remain 6 ft. apart and seatbelts should always been worn)
 - vi. Bring a sack lunch or lunch box and water bottles, coffee, etc. that can be kept in your personal space or vehicle.
 - vii. Space workers to protect them
 - viii. Stagger times on site to protect staff

III. What are your plans to complete the experiment if one or more of your assigned people tests positive or becomes ill?

Please return this to Jan.Leach@colostate.edu

****Examples of research that may be approved include:**

- Research activities that fit the governor's definition of essential industry (e.g., production agriculture, support of production agriculture), and activities are deemed critical by the department and college as per guidance from OVPR.
- The research can be accomplished using specific protocols to reduce transmission of the virus, and these protocols are on file with the Research Associate Dean (RAD) and/or Deputy Director (DD) of the Agricultural Experiment Station. Examples include:
 - All reasonable alternatives for delaying or otherwise completing research have been exhausted
 - Non-shared vehicles to and from the research location
 - Appropriate use of PPE
 - Research ought not be performed by those at-risk or caretaking for those at-risk
 - Travel must be approved by Dean's office. This does not include travel to and from ARDEC
- Research is bound by a contract/grant to be completed in a specified timeline. The PI needs work with OSP to connect with the granting agency about potential delays or adjustments to funded activities.
- Research will suffer irretrievable harm if not completed in the next six months. For example:
 - The research is related to the cropping season, and a year's of data will be lost if not initiated during the season.
 - Animal/crop research reliant on taking samples during growth stages, preharvest and postharvest.
 - The research is related to ongoing pest infestation that must be surveyed and witnessed.
 - Data for the research can be collected remotely, but needs to be initiated by a field visit.
 - Failing to perform research will result in substantial financial loss to re-start.
 - Failing to perform research will result in significant harm to animals
- The research that is delayed will be documented via a memorandum to the RAD or DD if AES, as appropriate, for use in P&T discussions and to interface with funders.