# December 22, 2021

Meeting with Stefano, Thomas, and Hui.

Decided to use the core temperature for each body segment from ABC

Discussed experimental matrix

Approval of overall study plan

# December 23, 2021

Meeting with Hui

Set up for manufacturer calibration of the manikin

1. Moved manikin to seated position on mesh chair
2. Created a curtained enclosure to minimize radiant heat exchange
3. Placed two pedestal fans inside curtain enclosure with manikin

# December 24, 2021

Prepared 5 HOBO data loggers for data collection by checking and changing batteries if needed

December 26, 2021

Turned on chamber and set to 16 C

Calibrated 5 HOBO data loggers with Polyscience thermal well at 3 temperatures:

* 15 (1:18 pm – 1:38 pm)
* 25 (2:15 pm – 2:35 pm)
* 35 (3:03 pm – 3:25 pm)

Waited for internal temperature sensor to reach set point and then held constant for 20 minutes

Data logger 1 and 3 did not read thermal well temperature

Turned on manikin and set to “no heat” mode

Set chamber temperature to 28 C

# December 27, 2021

Chamber temperature did not stabilize at set point of 28 C. Too cold outside.

Manikin temperature still increasing, around 20 C.

Added 6 radiant panels covered in aluminum foil to help chamber reach set point 2pm

By 4 pm the chamber temperature appeared to stabilize to around 22 C. Turned off everything.

Wrote to Hui who said she will contact Charlie

# December 29, 2021

Met with Charlie to change supply air to underfloor by closing/opening dampers

Turned on chamber, and all 6 radiant panels around 10 am

January 8 2022

Raised chamber temperature to 28 C