CCR Checklist Prior to Starting

(Ensure the following is TRUE prior to using the CCR at low temperatures)

O	CCR vacuum space.
0	The turbo pump is ON, reads 1500 Hz, and pressure is < 10 mTorr.
0	The <u>CCR vacuum valve is OPEN.</u> (The black valve wheel is opened all the way. You should see the underlying red color.)
0	The CCR sample space is filled with helium gas (NOTE: If there's no He gas cylinder, you <u>cannot</u> use the CCR.) (When filling the sample space with helium, the dial on the gas handler should have <i>slowly</i> rotated left while holding 'Evacuate' for ~8 seconds, & repeating this at least 3 times)

O The CCR compressor is turned ON.

(The vacuum pressure must already be below 10mTorr, with the sample space filled with He gas. Note that when this machine is running, it's the louder than the Lakeshore system and the turbo pump.)

Email Xiaoqing Xu (steelxu@stanford.edu) for any questions/concerns!