Hello Everyone,

Please take a moment to read the following reminder regarding autoclave use in the Research and Innovation Centre. If you have any questions, please contact health.safety@uregina.ca!

**RIC Autoclave Users**
There are two autoclaves currently available in the RIC for use.

- The first, on the right-hand side, belongs to the **Yost Laboratory**. Use of this autoclave must first be approved by them.
- The second, on the left-hand side, does not belong to one laboratory or research group. This is an open autoclave **available for all Faculties and research groups on campus**.

**Autoclave Use Steps and Etiquette**

1. Package the materials to be autoclaved in autoclave bins
   - Not all materials can be autoclaved, look for Borosilicate glass (Pyrex), Polypropylene & Polycarbonate
   - Loosen screw caps or use aluminum foil to cover tubes, open autoclave bags for steam penetration, and do not fill containers more than 75%
   - Use autoclave sensitive tape and avoid compressing and overcrowding materials
2. Liquid and dry wastes need to be processed separately and materials that are to be sterilized are separated from those to be decontaminated.
3. On touch screen, choose your lab for operator access, enter your code and press enter.
4. Open door using foot petal, place load inside, and close door by foot petal.
5. Press cycle select. Choose appropriate autoclave cycle depending on material.
6. Once cycle is complete, try to **unload materials promptly**- other users are patiently waiting for equipment.
   - Wear heat resistant gloves, laboratory coat, shoes, and eye protection
   - Chamber pressure gauge should be ZERO before opening door
7. Close door and put autoclave into “standby mode.”

Happy and safe researching!!