**How to use the French Press**

**Updated December 2010**

1. Assemble pressure cell in this exact order: screw little handle and outlet tube into holes in base, place big cylinder on base, push plunger down into cylinder (wet plunger for easier insertion).
2. Place pressure cell on platform. Turn on machine briefly to raise it until it touches the top.
3. Slide upper metal thing over to hold handles of plunger. Slide over other metal thing and screw in place.
4. Fill one beaker with clean water, and use another beaker for waste water.
5. When device is moving down, liquid is being sucked up. Settings should be:
   1. Lower handle on “Down” (far left).
   2. Little handle on base should be loose.
   3. Switch on machine and let it suck liquid until reaches bottom.
6. When device is moving up, liquid is being squirted out. Settings should be:
   1. Lower handle on “Medium” (middle).
   2. Little handle on base should be screwed barely tight.
   3. Switch on machine and let it squirt liquid out until reaches top.
   4. Switch handle to “Down” and unscrew little handle before moving tube because more liquid will squirt out.
7. After assembling, run water through the machine several times.
8. Suck up and squirt out your sample the desired number of times (into the same tube).
9. Place sample back on ice.
10. If have another sample, disassemble pressure cell and rinse with water, then reassemble to run next sample (will need to remove metal slider and then run on “down” setting briefly to remove the cell).
11. When done, disassemble pressure cell and rinse every component very well with water. Place on towels on bench next to machine.
12. Wipe up any spills on the machine.