**Standard Operating Procedure (SOP)**

**UV Exposer**

Located in Lebow 334, the yellow room.

**First Time Use**
1. Read Drexel University Laboratory Safety Manual
2. Complete initiation training protocol from senior laboratory personnel

**Safety Equipment**
1. Disposable gloves
2. UV blocking goggles (colored orange, same as for using Verdi laser)

**Proper Use of Spacer Box**
1. Put on safety equipment as outlined above
2. Turn on power to unit by pressing button on left side of control panel labeled “power”
3. Place objects to be irradiated in exposing area
4. If vacuum is required while irradiating, first open glass by opening latches located around the glass, then place sample under the glass in the black area. Close glass, latch, press “vacuum” button.
5. Set exposure dose by entering the number via the number pad. The suggested dose is 6.0 UV units
6. Press “S” to start the exposure
7. “C” can be pressed if you want to stop exposure
8. When the timer reaches 0, the exposure stops
9. Remove samples
10. Clean the glass surface if necessary
11. Turn OFF the power to the unit (Turn OFF vacuum, if applicable)

**NOTE:** Do NOT look directly into the bulb!! DO NOT directly exposure yourself to the radiation!! UV light can damage you and your eyes!!

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<tr>
<th>Emergency Contacts:</th>
<th>Prof. Adam Fontecchio</th>
<th>Wayne Hill</th>
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<tbody>
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**Senior Personnel:**
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This document is available online at [http://www.ece.drexel.edu/photonics/Facilities.html](http://www.ece.drexel.edu/photonics/Facilities.html) or by clicking the Laser Safety icon on any laboratory computer desktop.