

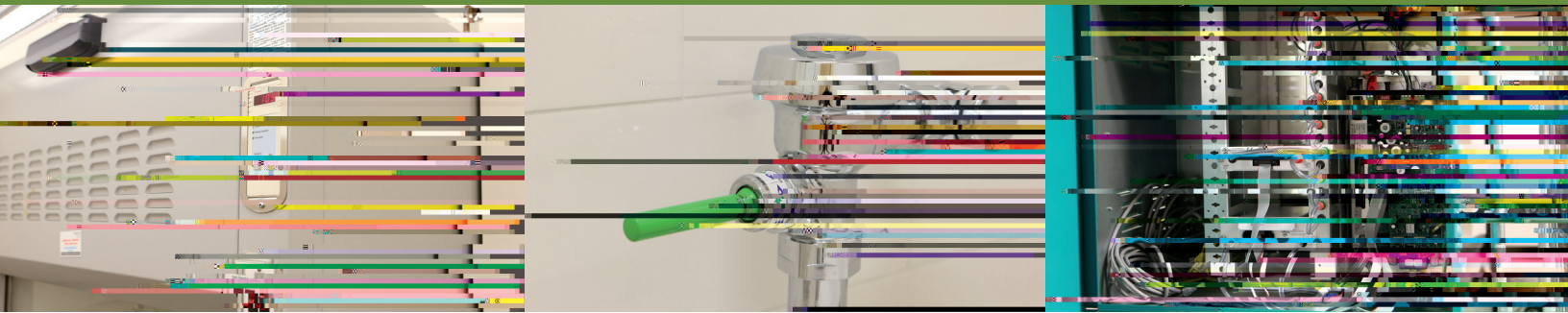
## LSRI

The \$6 -million state-of-the-art facility, on the corner of Summer Street and College Street, provides almost 160,000 square feet of research and incubator space for the life sciences, one of Atlantic Canada's growing sectors. Its open-concept design presents new opportunities for collaboration across a spectrum that begins with laboratory research and moves on to the commercialization of new products and processes and the incubation of new companies, all of which results in improved healthcare and a stronger economy

## Green Building Features

### Lighting:

Passive lighting design is used to help light parts of the building such as the Atrium. LED lighting is used in



## Energy:

- Energy savings through demand control ventilation controlled by an Optinet system sets the outdoor air ventilation rate based on the measured concentration of contaminants within rooms. There is increased ventilation effectiveness with the Aircuity Optinet system, which monitors air quality and adjust ventilation as required, versus traditional systems.
- A run around heat recovery system is installed in the Air Handling Units that allows heat to be recovered from the exhaust air and used to preheat the fresh air to the building during the heating season.
- Motors for mechanical equipment (fans, pumps, etc) are premium efficiency.
- The cooling system incorporates variable speed drives on the pumps and the cooling tower to more closely match the energy consumed with the load.
- The AHU fans are driven by Variable Speed Drives which adjust the fan speed as the system pressure requirements change (as measured downstream