

## **LABORATORY EXPERIENCE**

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### **LCC - Arts and Sciences Building, Fourth Floor Renovations 408 Chemistry Lab**

Project consisted of installing three new fume hoods in lab and associated exhaust fan on roof. A new constant air volume box was installed along with the associated ductwork and diffusers required for the space. The associated laboratory piping was modified for the new hoods and a new emergency shower including the required thermostatic valve was installed.

### **LCC - Arts and Sciences Building, Fourth Floor Renovations Rooms 410, 411, 413, & 463**

Project consisted of installing four new fume hoods in labs and installing the associated exhaust fan on the roof. A new constant air volume box was installed in one of the labs. The ductwork and diffusers required for each lab were installed. The associated laboratory piping was modified for the new hoods and a new emergency shower including the required thermostatic valve was installed.

### **Sparrow Hospital - Pharmacy/Lab Design**

Project consisted of renovating the existing pharmacy to incorporate a new chemotherapy Lab. The design included installing new pharmacy hoods, exhaust ductwork system for the hoods, modified supply and exhaust air systems in the existing pharmacy and also for the new chemo lab to meet the required pressure relationships, air changes and filtration requirements.

### **St. Lawrence Hospital - Pharmacy/Lab Design**

Project consisted of changing the existing pharmacy mechanical and electrical systems including replacing an existing air handling unit and system that is now serving the entire pharmacy and Lab areas. The new design added HEPA filters to the system, increased air flow to meet the required air changes, and also met the required pressure relationships.

### **Michigan State University - Food Science Labs**

Project consisted of going through many of the labs at Michigan State University Food Science building and making changes to the facility and Labs so they work better. Close coordination was done with MSU staff not to disrupt spaces while tests were being run.