RESOURCES

Follow the 398 application instructions in Part I, 4.7 Resources.

**Virginia Commonwealth University Collaborative Advanced Research Imaging (CARI) program**

The CARI program, located at 203 East Cary Street in downtown Richmond, houses a new research dedicated 3T Philips Ingenia MRI scanner. The Ingenia uses Philips’ DirectDigital processing that improves the signal to noise ratio substantially. The radiofrequency signal is totally digital at the source in order to reduce the noise. Other advantages of the Ingenia system include patient-specific B0 and B1 shimming, and large bore so that subjects feel less confined and less claustrophobic.

In addition to the Philips 3T research dedicated scanner, the CARI facility has over 6,000 square feet of research-dedicated space. As can be seen from the floor plan at left, the CARI facility also has a mock scanner, urine drug screen collection toilet, multiple interview rooms, sound attenuated testing chambers for human behavioral laboratory testing, a physical exam room with ECG, and a dispensary for medication storage and dispensing.