



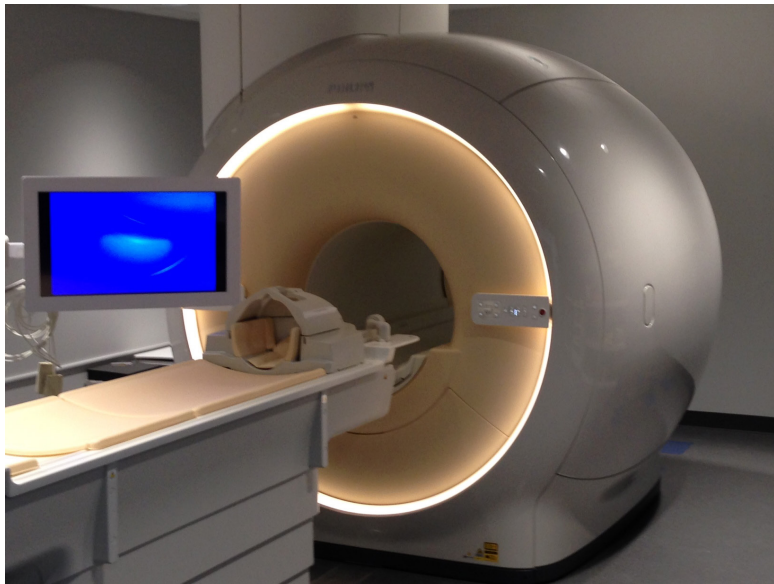
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Office of *Research and Innovation* **spotlights...**

January 2016

Collaborative Advanced Research Imaging (CARI)

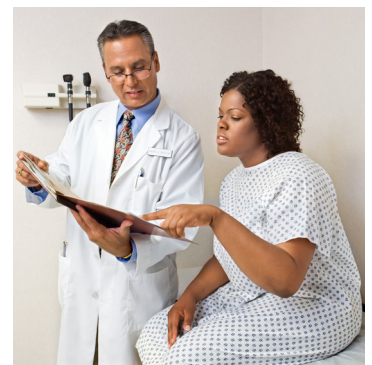
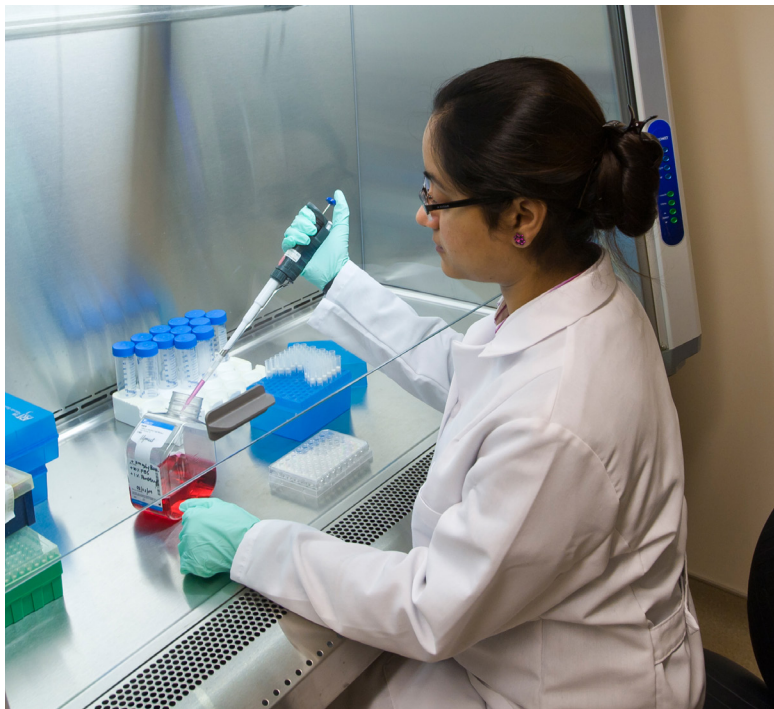


The CARI program, located at 203 E. Cary St. in Richmond, houses a new research-dedicated 3T Philips Ingenia MRI scanner. Some of the scanner's advantages are listed below.

- Uses Philips' Direct Digital processing that improves the signal-to-noise ratio substantially
- Includes both front and rear facing mirrors for visual stimuli and movie projection.
- The radiofrequency signal is totally digital at the source in order to reduce noise
- Patient-specific B0 and B1 shimming
- Large bore to help participants feel less confined and less claustrophobic.

In addition to the research-dedicated scanner, the CARI facility has more than 6,000 square feet of research-dedicated space, which houses the following:

- Mock scanner
- Urine drug screen collection toilet
- Multiple interview rooms
- Sound attenuated testing chambers for human behavioral laboratory testing
- Physical exam room with electrocardiogram
- Dispensary for medication storage and dispensing



For more information, visit www.cctr.vcu.edu/resources/cari.html.

To ask questions about CARI, email cctrcari@vcu.edu.

To request CARI services, visit go.vcu.edu/ancillaryrequest.