

## Opening of VCU School of Medicine ICAMS Marks the 23rd Simulation Lab/Clinical Skills Center Completed by Human Circuit

*VCU School of Medicine prepares medical students for their careers as physicians through realistic hands-on training at Inova's new simulation center designed by Human Circuit.*

Gaithersburg, MD ([PRWEB](#)) September 10, 2015 -- Human Circuit provides VCU's Inova Center for Advanced Medical Simulation (ICMAS) with a turnkey medical simulation center complete with custom hardware that works in connection with B-Line Medical's software to digitally record and store footage of students performing specific clinical tasks for administrators and instructors to review and evaluate in real-time.

Located in Falls Church, VA, Inova's 12,000 sq. ft. facility offers simulation services to the entire Inova Health System. Human Circuit applied designs specifically for case study rooms, self-teaching labs, patient exam rooms, observation rooms, and computer rooms. Audio and video feeds from microphones and cameras throughout the facility are encoded in real-time and multicast over an Ethernet infrastructure as MPEG4 streams. Utilizing internet group management protocol (IGMP) Human Circuit maximizes video distribution and minimizes network bandwidth utilization.

Craig R. Coleman, Medical Simulation Manager at ICAMS says of Human Circuit, "They were there through every step of the planning process to provide valuable advice and insight to optimize our center's capabilities and utilization. Their expertise was unparalleled and shined above all others. Human Circuit's teams were coherent and efficient during the implementation process, working with various other vendors to coordinate installations and integration with the varying systems."

To better prepare health sciences students for careers as healthcare providers, Human Circuit has enabled simulation and clinical skills facilities to offer hands-on training opportunities in clinical, surgical and emergency room situations. The technology within the simulation center includes web-based wireless control and monitoring that is flexible and easy to use.

"Inova showed the culmination of over five years of collaboration" said Bruce Kaufmann, President & CEO of Human Circuit. "We worked with Craig Coleman and Dr. Craig Cheifetz from the time the facility was simply a vision and mission, until they were able to gather the financial resources to make it a reality. The success of those efforts is easily seen in the immediate effectiveness of the facility," says Kaufmann.

### About Inova Center for Advanced Medical Simulation

The Inova Center for Advanced Medical Simulation (ICAMS) provides a safe, state-of-the-art environment for a multitude of advanced simulation and teamwork trainings. This 12,000 sq. ft. healthcare-centered center is one of the most robust in the region. ICAMS offers simulation services to the entire Inova Health System in everything from low-fidelity procedural simulations, high-fidelity patient simulations, and standardized patient encounters to communication, teamwork, workflow and hands-on training. It promotes interprofessional and interdepartmental collaboration through a wide-variety of quality simulation training to enhance patient safety, teamwork, critical thinking, research and the patient experience.

### About Human Circuit



For almost 50 years Human Circuit has been a company of proven creative thinkers and engineers who are dedicated to providing business technology solutions to clients in need of advanced video, audio, data and control systems used in communications, training, broadcast, streaming, video on demand and presentation applications. With a video and IT-centric engineering core, Human Circuit designs and architects intuitive solutions that are aligned with a company's business objectives, anticipated growth and end-user needs. Please visit <http://www.humancircuit.com> for more information.



## Contact Information

**Leslie L. Smalls**

Human Circuit, Inc

<http://www.humancircuit.com>

+1 (240) 864-4055

## Online Web 2.0 Version

You can read the online version of this press release [here](#).