This condensed 3-day course in the fundamentals of cardiovascular sciences for fellows and residents is designed to upgrade knowledge early in training. It is targeted at first year vascular surgery, cardiology, CT surgery, vascular medicine, interventional radiology fellows and third year primary certificate VS residents. At completion of this course, fellows will have a deeper foundation in the fundamentals of cardiovascular science.

Join us at the state-of-the-art Houston Methodist MITIE facilities and luxurious Hotel ZaZa Houston for an unforgettable weekend of cardiovascular education and networking.

**Schedule:**

**Day One:** On the first day trainees immediately begin honing their technical skills in a full day of hands-on training with cadavers and simulators. Trainees can choose from 3 tracks: vascular, cardiology, and cardiac.

The vascular track will demonstrate ultrasound-guided access, dissection and exposures on cadavers, and open vascular and endovascular surgical training.

The cardiology track covers topics such as TEE/TTE interpretation using simulators, emergent hands-on management, tips and tricks for vascular access, cardiac catheterization, and a guided tour of cardiac and vascular anatomy from a surgeon’s point of view.

The cardiac track will review cardiopulmonary bypass, coronary artery bypass grafting, aortic valve replacement, mitral valve techniques, aortic root replacement, and A-Fib ablation procedures.

After the skills, attendees will enjoy an evening of interactive lectures on a variety of topics including peri-operative testing and risk stratification, basic cardiac and vascular hemodynamics, and vasospastic disorders and vasculitis.

**Day Two:** Friday’s curriculum will feature another full day of skills labs, with each group continuing in their chosen track.

**Day Three:** The final day takes students out of the lab for interactive lectures lectures with concurrent sessions on visceral artery disease, thoracic outlet and upper extremity, dialysis access, cardiac imaging, and structural heart disease.

**Lodging:**
9th Annual Cardiovascular Fellows' Bootcamp
Published on Society for Vascular Surgery (https://vascular.org)

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Meeting City and State: Houston, Texas
Meeting Location: Hotel Zaza and Houston Methodist Research Institute - Methodist Institute for Technology, Innovation & Education