

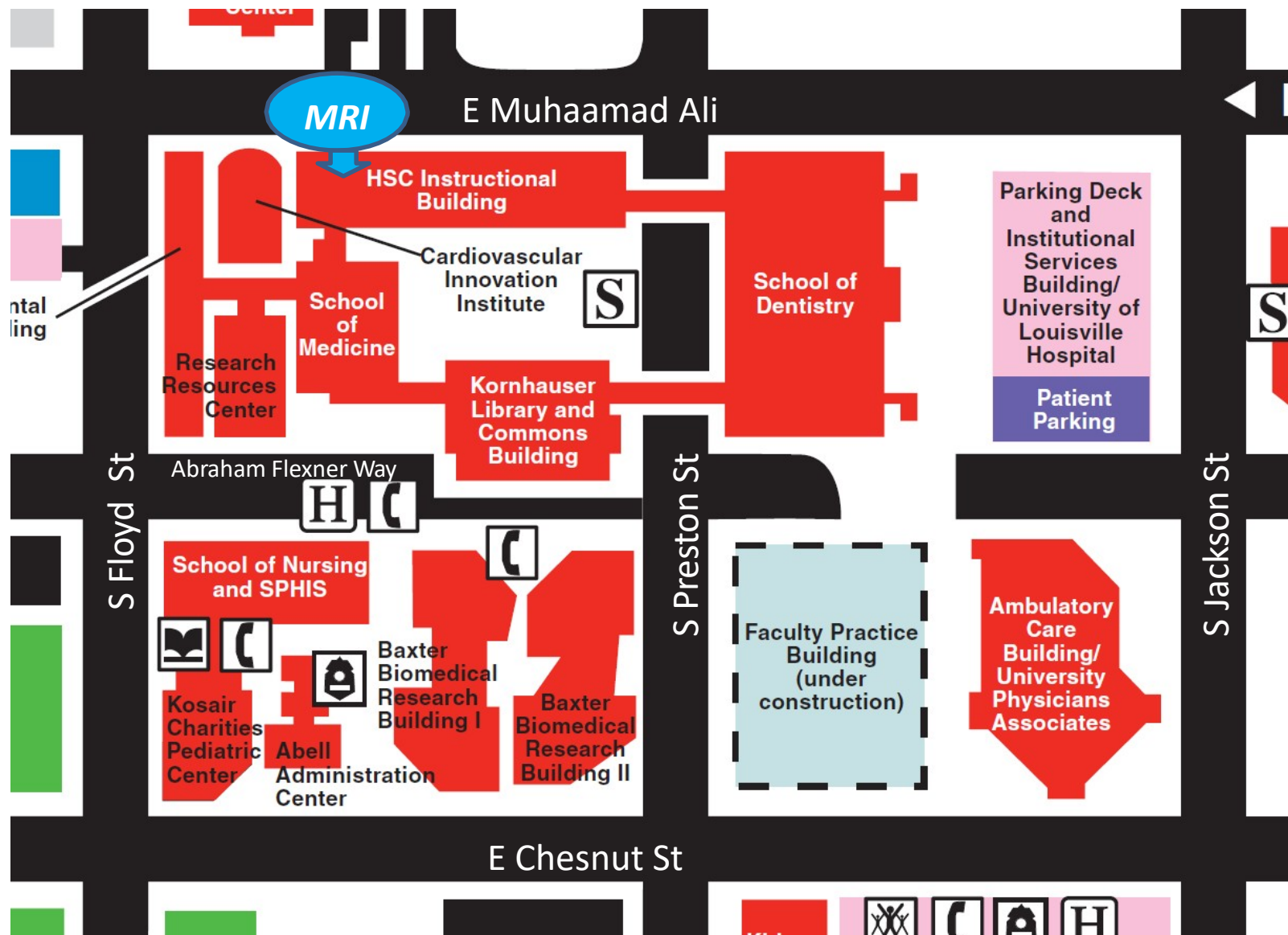
Research MRI at UofL

Siemens 3 Tesla MRI (Skyra)



Department of Radiology

HSC Instr. Bld B, LL17



[illegible]

Magnet Room



Control Room



Waiting Room and Entry to Magnet Room



Preparation Room

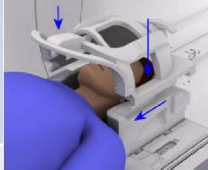
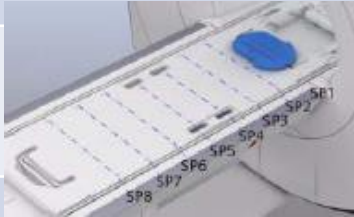
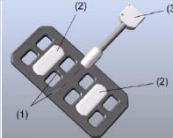


View from the waiting room



View from the preparation room

RF and Gradient Coils

Name	Manufacturer	Description
Head and neck	Siemens	20 ch 
Spine	Siemens	32 ch 
Knee	Siemens	15 ch
Body array	Siemens	18 ch 
Large flexible	Siemens	4 ch 
Small flexible	Siemens	4 ch 
Gradient	Siemens	Amplitude=45 mT/m, Slew rate=200T/m/s ₈

Ancillary Equipment

Equipment	Manufacturer	Model
Image analysis	Siemens	MMWP (Cardiac, Spectroscopy, fMRI, DWI)
Physiology monitor	Invivo	Precess (EKG, SPO2, BP)
fMRI stimuli	Invivo	Esys (LCD TV, Stereo audio)
fMRI program	PST	ePrime 1 and 2
fMRI response	Cedrus	Lumina (2 buttons of both hands)
Contrast agent injector	Medrad	Spectra Solaris
Anesthesia	DRE	Premier XP (Control of breath hold)
File server	Microway	6TB

Scan Policy

- Management and Operation
 - Chin K. Ng, Ph.D., Vice-Chair for Translational Research, Department of Radiology, chin.ng@Louisville.edu
 - MR Scientist: MJ Negahdar, Ph.D.
 - MR Tech: Melissa Morris
- Scan charge
 - New facility hourly rate \$450 effective January 1st, 2018 and \$575 effective July 1st 2018.
Minimum charge is 30 minutes
 - Center IRB (to cover the test scans of volunteers)
- Consulting and scheduling
 - [Email: mj.negahdar@louisville.edu](mailto:mj.negahdar@louisville.edu)
 - Tel: 502-852-6423