

## Research MRI at UofL

Siemens 3 Tesla MRI (Skyra)

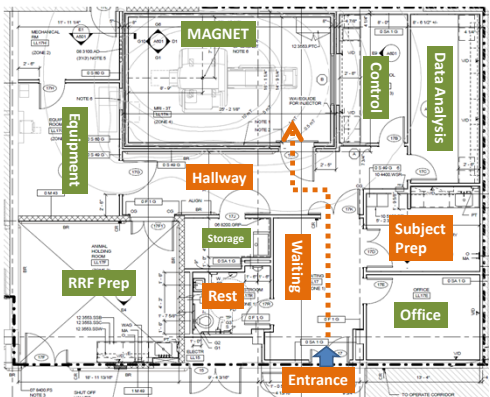


Department of Radiology






## HSC Instr. Bld B, LL17



## Floor Plan



## RF and Gradient Coils

Name	Manufacturer	Description
Head and neck	Siemens	20 ch 
Spine	Siemens	32 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

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
  - Dept. of Radiology, UofL
  - Chairman: Gregory Postel, M.D.
  - Director: Kwan-Jin Jung, Ph.D.
  - MR Techs: Brandon Wellman, Paul Harper
- Scan charge
  - Hourly \$300 (magnet time, tentatively)
  - Test and pilot scans can be provided
  - Center IRB (to cover the test scans of volunteers)
- Consulting and scheduling
  - Email: [kwanjin.jung@louisville.edu](mailto:kwanjin.jung@louisville.edu)
  - Tel: 502-852-6423