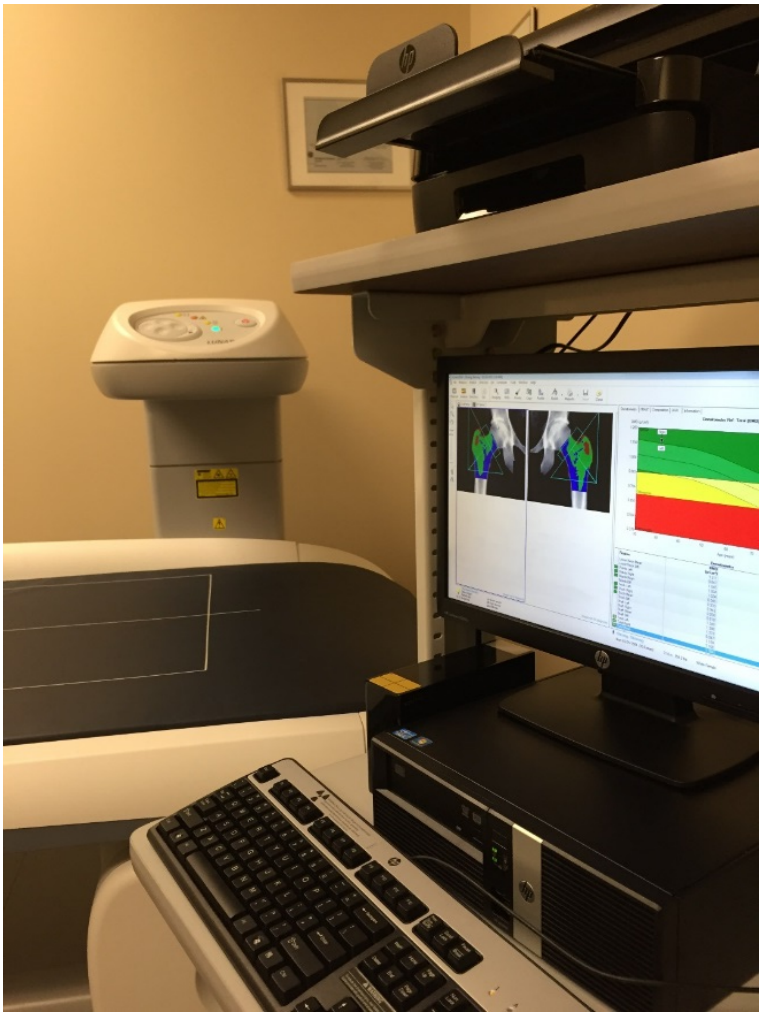
Body Composition Laboratory

Cramer Hall 215N

The Body Composition Laboratory offers a private, 160 square foot room for assessment of bone, lean, and fat mass. A new GE iDXA with enhanced body composition software including visceral adipose and segmental analysis arrived summer 2016. In addition to allowing students to learn essential techniques, this laboratory permits researchers the ability to obtain body composition measurements through various methods:

- Dual-energy X-ray absorptiometry (DXA) – Lunar Prodigy DXA by General Electric
- DXA (iDXA by GE) with new Trabicular Bone Score software (TBS)
- Bioelectrical Impedance Analysis (BIA)
    - Bodystat Analyzer Systems
    - Tanita scales
    - Omron handheld
- Skinfold Measurement
    - Lange skinfold caliper
    - Harpenden skinfold caliper
- Anthropometric measurements
    - Anthropometer (small, medium & large)
    - Stadiometer
    - Gulick tape measures