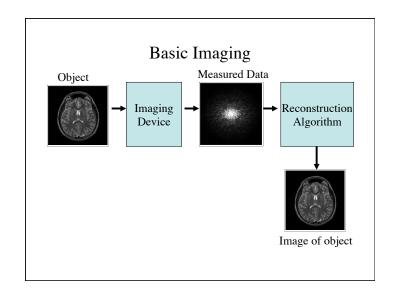
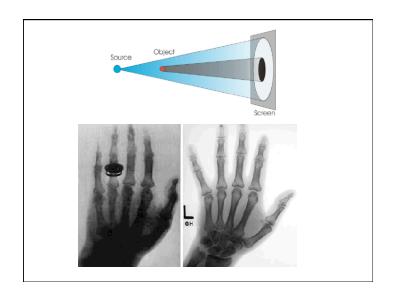
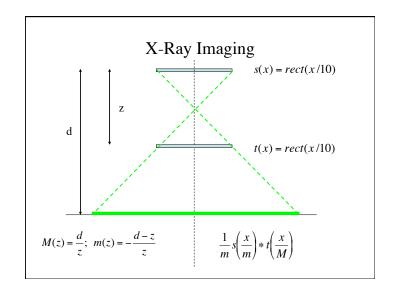
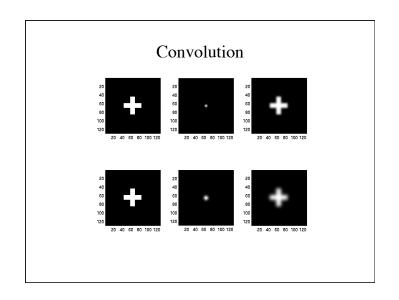
Bioengineering 280A Principles of Biomedical Imaging

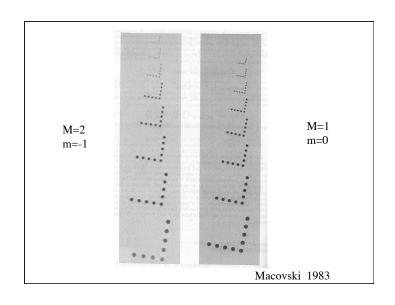
Fall Quarter 2013 Course Recap and Future Directions

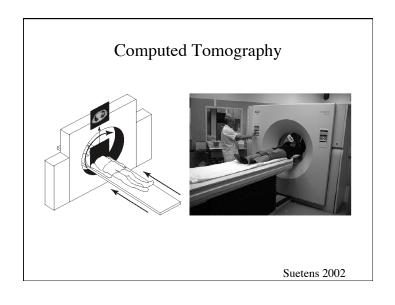


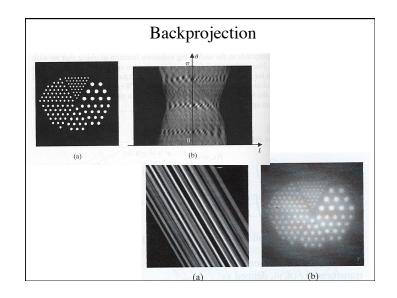


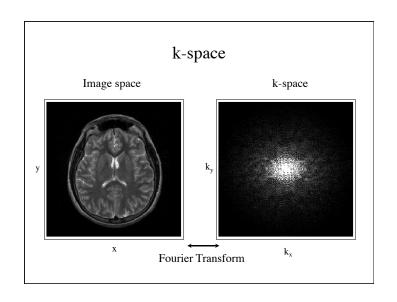


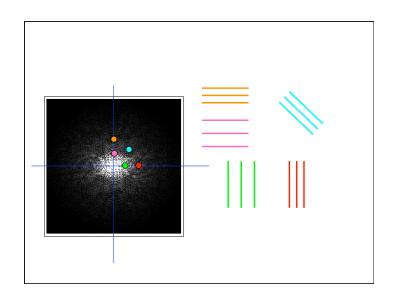


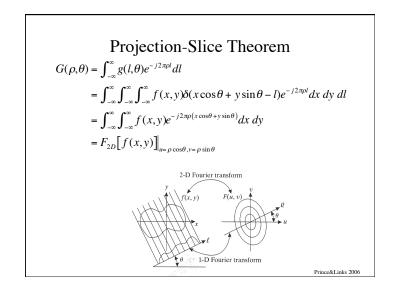


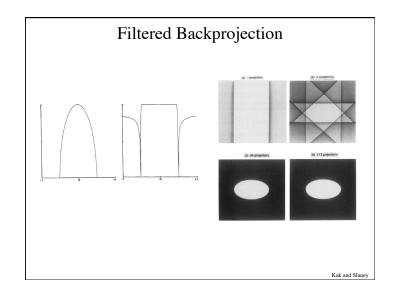


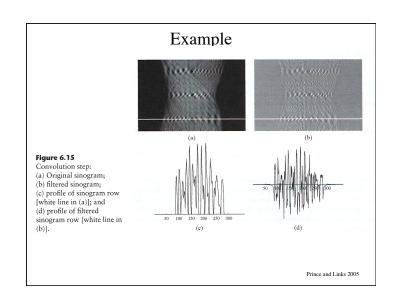


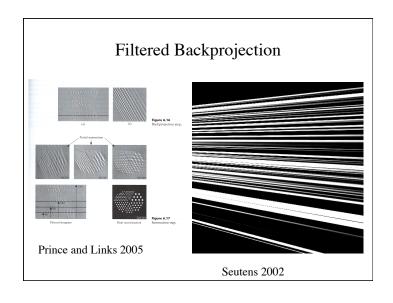


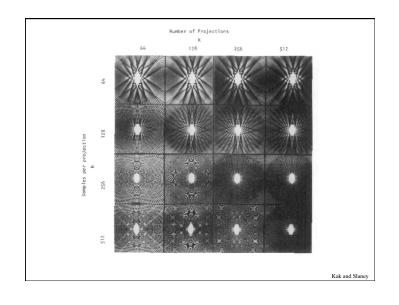


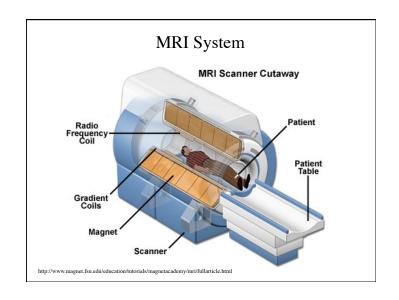


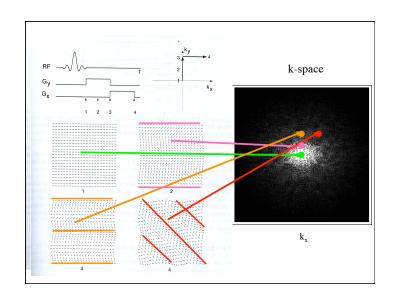


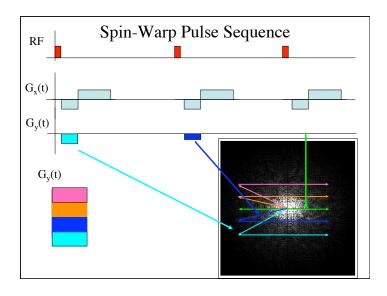


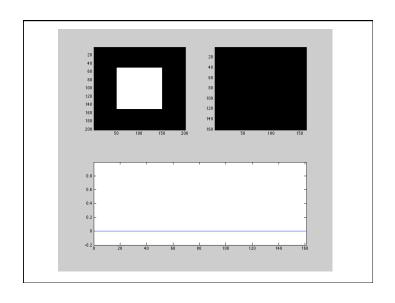


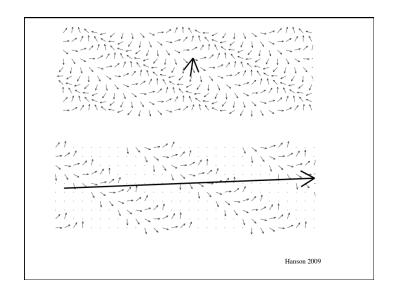


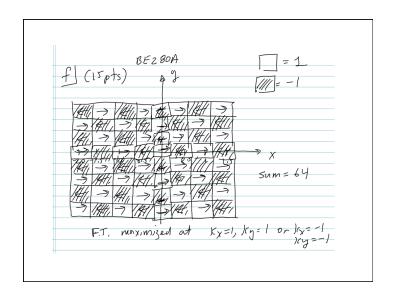


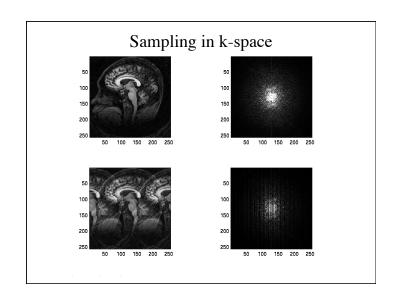


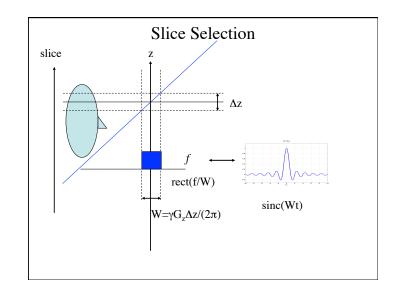


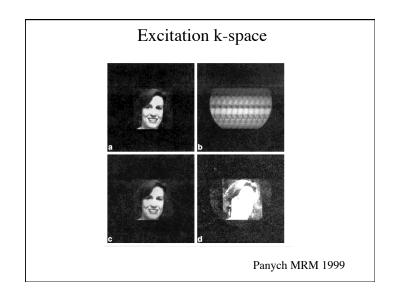


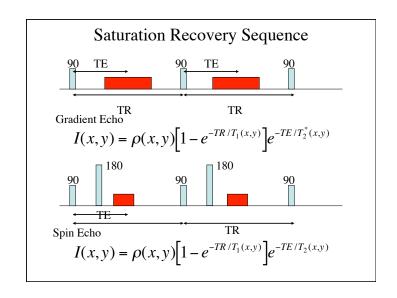


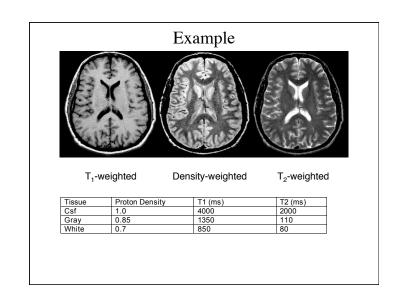


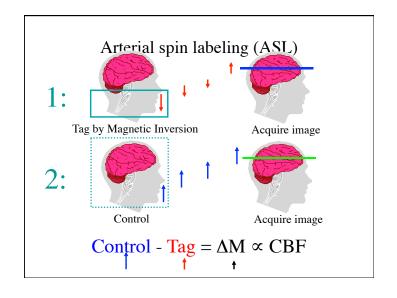


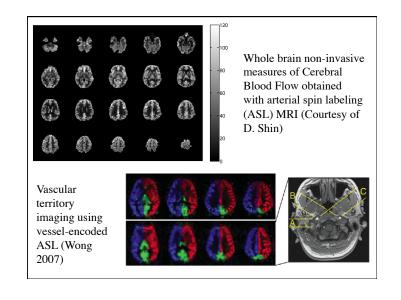


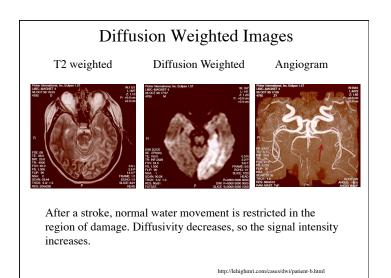


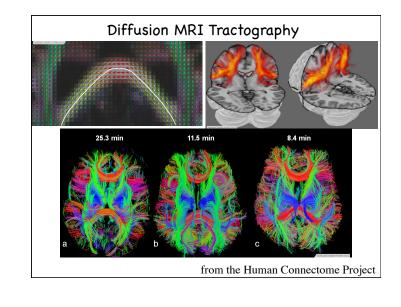


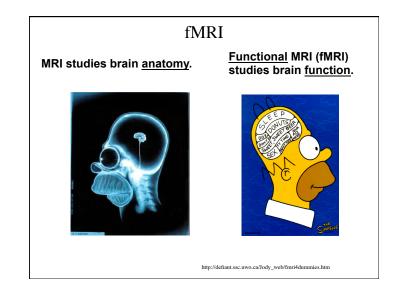


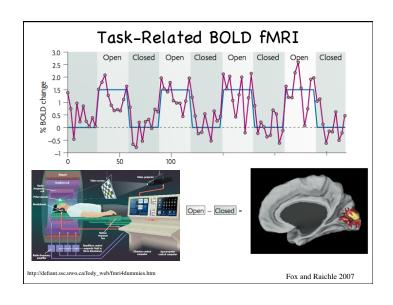


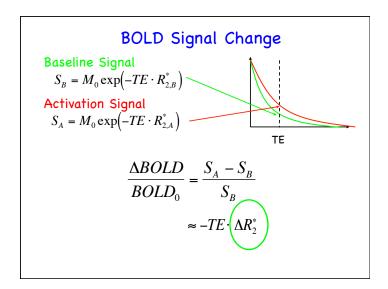


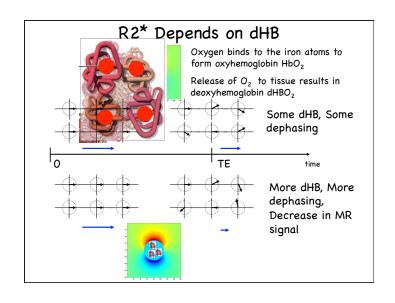


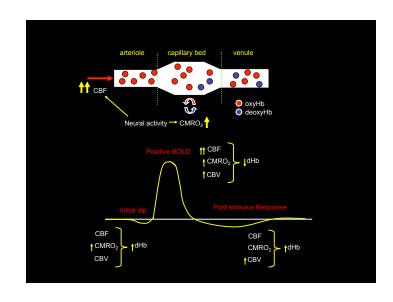


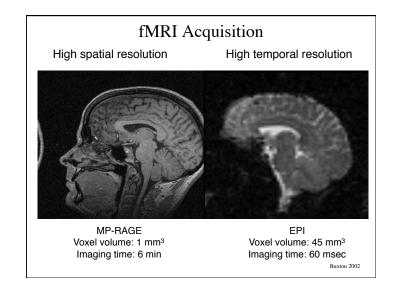


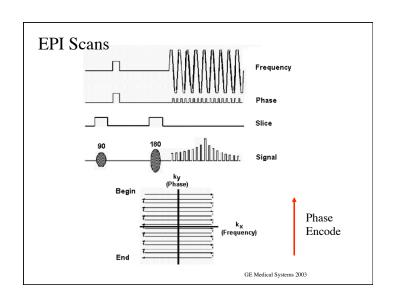


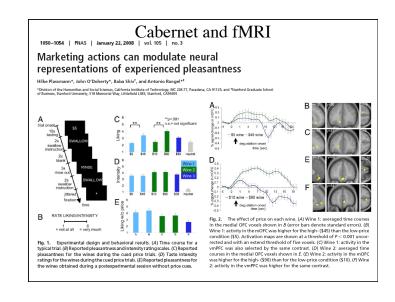


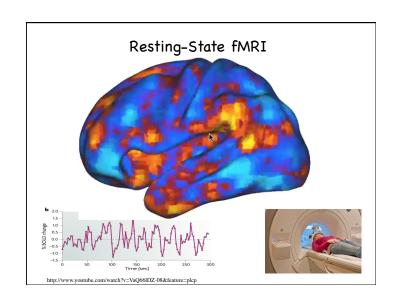


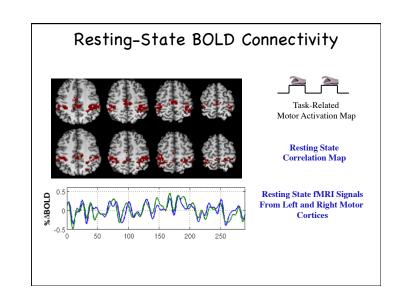


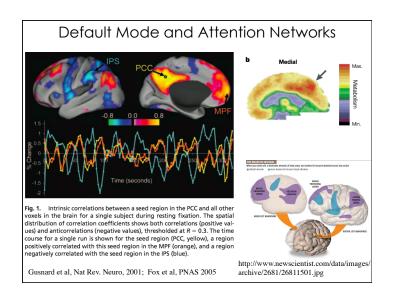


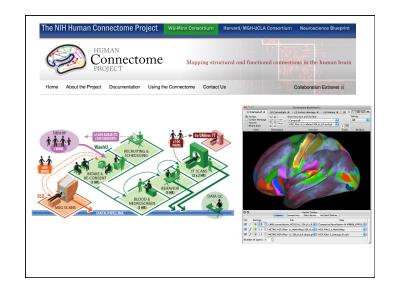


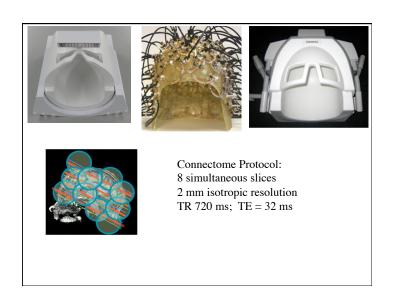


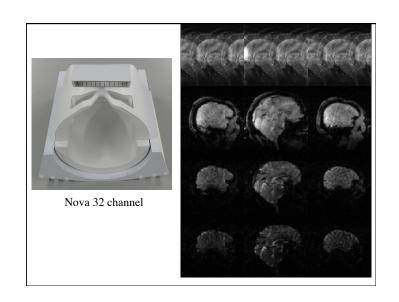


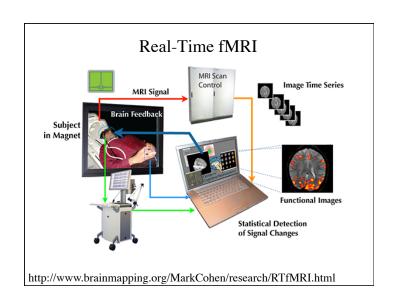


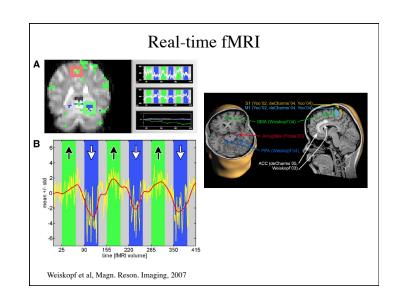


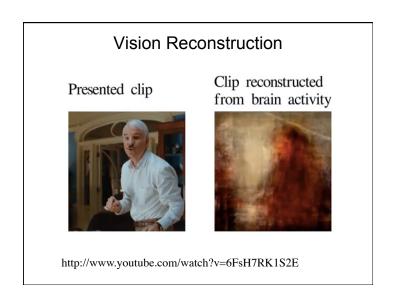












Timeline

Michael Crichton, 1999

"Most people", Gordon said, "don't realize that the ordinary hospital MRI works by changing the quantum state of atoms in your body ... But the ordinary MRI does this with a very powerful magnetic field - say 1.5 tesla, about twenty-five thousand times as strong as the earth's magnetic field. We don't need that. We use Superconducting QUantum Interference Devices, or SQUIDs, that are so sensitive they can measure resonance just from the earth's magnetic field. We don't have any magnets in there".

J. Clarke, UC Berkeley

