## October 27, 2014 MSE 2101 topics

- The role of liquid water
  - mobility
  - transport
  - metabolism
- DNA and RNA the structure
- DNA backbone and DNA bases: adenine (A), guanine (G), thymine (T) and cytosine (C)
- DNA replication and heredity
- Chromosomes, genes, genomes, and noncoding DNA
- The genetic code
- Mutations: the fat cat ate the rat.