**Lab: Intermolecular Forces: Surface Tension**

**Pre-Lab Discussion**: Describe Dispersion Forces, Dipole-Dipole, and Hydrogen Bonding. Also, discuss the relative strengths of each.

**Purpose:** To investigate IMF’s by observing the surface tension of three liquids.

**Materials**: Mineral Oil, Water, Methyl Alcohol.

**Equipment**: Paperclip, Penny, evaporating dish, pipette.

**Procedure**:

Part A: write a procedure for trying to get the paperclip to float on the three Liquids.

Part B: Write a procedure for determining the number of drops of each liquid you can get to stay on top of a penny.

**Obs./Data**: record your results.

**Conclusion**: Discuss your results. How are IMF’s and surface tension related? Are your results what you expected? Can there be differences in IMF’s amongst substances that have the same type of IMF?