### Chemistry 221-General Trends of the Periodic Table

#### Radius
- Decreases from left to right
- Increases from top to bottom

#### Electron Affinity
- Generally increases from left to right
- Generally decreases from top to bottom

#### Electronegativity
- Generally increases from left to right
- Generally decreases from top to bottom

#### Ionization Energy
- Generally increases from left to right
- Generally decreases from top to bottom

#### Oxidizing agents and reducing agents
- The left hand side of the table has the reducing agents that lose electrons
- The right hand side has the oxidizing agents that gain electrons

#### Acidity
- Increases from left to right
- Increases top to bottom

#### Basicity
- Decreases from left to right
- Decreases from top to bottom