## Brønsted-Lowry Acids and Bases

strength of acid related to stability of conjugate base conjugate bases carry negative charges stabilized by: electronegativity

with same size orbitals, electronegativity determines stability

$$F^{-}$$
  $OH^{-}$   $NH_{2}^{-}$   $CH_{3}^{-}$   
 $HF > H_{2}O > NH_{3} > CH_{4}$