

**James B. CONANT**  
(Harvard, 1916)

**Paul D. BARTLETT**  
(Harvard, 1931)  
- bridged bromonium ions 1936  
- bridged chloronium ions 1937  
- aziridinium ions 1947  
- episulfonium ions 1949

© Dr. John Andraos, 2002

{ **Francis E. CONDON**  
(Harvard, 1944)  
- Bartlett-Condon-Schneider reaction 1944  
**Abraham SCHNEIDER**  
(Harvard, 1944)

**Dean S. TARBELL**  
(Harvard, 1937)  
- bridged bromonium (1936) and chloronium ions (1937)

**Joseph F. BUNNETT**  
(Rochester, 1945)  
- Bunnett-Olsen equations 1966  
- SNR1 nucleophilic aromatic substitution 1970  
- cine substitution 1973

**Edward S. LEWIS**  
(Harvard, 1947)  
- phenyl cation 1958

**Galvin M. COPPINGER**  
(Rice, 1954)  
- Copper's radical (galvinoxyl) 1957

**Charles G. SWAIN**  
(Harvard, 1944)  
- aziridinium ions 1947  
- "push-pull" mechanism 1948  
- episulfonium ions 1949  
- Swain-Scott equation 1953  
- Swain-Schaad equation 1958  
- Swain-Lupton equation 1968

**Thomas T. TIDWELL**   
(Harvard, 1964)  
- persistent silylketenes 1999  
- persistent bis(trimethylsilyl) ketenes 1999

**Erwin BUNCEL**  
(London, 1957; North Carolina)

 **Richard L. SCHOWEN**  
(MIT, 1973)  
- proton inventory technique 1982

 **Andrew J. BENNET**  
(Bristol, 1985; Kansas)

 **Richard F.W. BADER**  
(MIT, 1957)  
- atoms in molecules (AIM) 1981

 **A.Jerry KRESGE**  
(Illinois, 1953; MIT)  
- phenonium ions 1962  
- fractionation factor theory 1964  
- application of Marcus theory to proton transfer reactions 1973  
- keto-enol equilibrium constants for simple enols by flash photolysis 1980s  
- flash photolytic evidence for ynols 1989

 **Elmer C. LUPTON, Jr.**  
(Yale, 1969)

**Carleton B. SCOTT**  
(MIT, 1952)  
**Lawrence E. SCHAAD**  
(MIT, 1957)

**Edward R. THORNTON**  
(MIT, 1959)  
- (B)ell-(E)vans-(M)arcus-(H)ammond-(P)oxygen-(T)ornton-(L)eoffler principle 1936