We will present various commutator estimates in the settings of Lebesgue, variable Lebesgue, Triebel-Lizorkin and Besov spaces. The commutators to be discussed include those involving bilinear pseudodifferential operators and pointwise multiplication by Lipschitz functions, fractional derivatives and pointwise multiplication, and Littlewood-Paley operators and vector fields. The talk is based on respective collaborations with Arpad Benyi, David Cruz-Uribe and Jarod Hart. (Received August 21, 2016)