Internal Energy

- ^C Energy of all molecules including
 - ☐ Random motion of individual molecules
 - $> < K_{tr} > = (3/2) \text{ k T}$ for ideal gas
 - » Vibrational energy of molecules and atoms
 - ☐ Chemical energy in bonds and interactions

CDOES NOT INCLUDE

- ☐ Macroscopic motion of object
- ☐ Potential energy due to interactions w/ other objects