**Cookbook Glossary**

**Extinction**—the degree of "blackness" on the sky caused by dust between background objects and an observer

**Emission**—production of photons by some physical process

**Scattering**—changing the direction of photons

**Absorption**—removal of photons by some physical process

**Spectral line**—emission or absorption over a very narrow wavelength range, caused by a change in the quantum mechanical state of a particular atom or molecule

**IRAS**—Infrared Astronomy Satellite (1983)

**HST**—Hubble Space Telescope (1990–)

**SIRTF**—Space Infrared Telescope Facility (launched August 2003)

**COMPLETE Survey**—COordinated Molecular Probe Line Extinction Thermal Emission Survey

More info: cfa-www.harvard.edu/~agoodman