astronomer Orsola de Marco at Kitt Peak Observatory
how big is the Moon?

http://apod.nasa.gov/apod/ap140118.html
a lunar eclipse: Moon in the shadow of the Earth
Moon during a lunar eclipse

http://apod.nasa.gov/apod/ap111215.html
Solar eclipse: Moon *in front* of Sun
spectrum of the Sun (during an eclipse)

http://apod.nasa.gov/apod/ap131115.html