

The Society of Physics Students presents a
Guest Speaker Seminar

“Astronauts, engineers, and
one endocrinologist– a
chance meeting in time”



Dr. Angelo Licata MD, PhD, FACP, FACE

Editor-in-chief Clinical Reviews in Bone and Mineral
Metabolism , Consultant, director, calcium unit Dept.
Endocrinology, Cleveland Clinic

The lecture will focus on medical problems of weightlessness in general and specifically about bone loss in microgravity. A general background will be presented about bone physiology and the theory of mechano-transduction of load on the chemistry of bone cells. Human research studies will be discussed that led to the development of exercise equipment for the International Space Station in an effort to mitigate bone loss.



Where: SR 151

When: Feb 11

11:30-12:15

**Pizza and Soda
will be provided**

SPS will also be thanking Dr. Licata for his generous gift of a Meade telescope. Look out for upcoming star-gazing parties!