The George Washington University and Model Secondary School for the Deaf present

**Applied Optics**

We are looking for students who want to learn more about optics. Dr. Ergun Simsek (GWU) will be visiting us to provide some theoretical foundations and we will visit him back in his lab to do some cool experiments. What to expect:

**Theory**
- Light, mirrors, and lenses
- How lasers work?
- Controlling laser beams
- Reflection and transmission
- Refraction

**Experiment**
- Handling and cleaning optics, alignment
- Build your own barcode reader
- Build your own binocular
- Build your own surface plasmon sensor
- Take a photo of the light

Please e-mail us (melinda.failing@gallaudet.edu) before January 25, 2014. The classes will begin in February. There are only 24 seats available.