SEMINAR ANNOUNCEMENT

“Changing Light Bulbs – the Physics and Technology of Incandescent, Halogen, CFL and LED”

Dr. James T. Dakin, Ph.D., LC
Jim Dakin Consulting Inc.

Within recent memory, nearly all light bulbs used in US homes were based on the incandescent technology initially developed by Edison 130 years ago. Now, new options are available including halogen, compact fluorescent (CFL), and light emitting diode (LED) technologies. The underlying physics of each of these technologies will be reviewed, as will their practical challenges. The overall benefits of the new technologies to homeowners include less energy usage, lower electric bills, fewer greenhouse gas emissions, and much less frequent light bulb replacement. The lecture will include live demonstrations of many of the concepts discussed.

Thursday, November 15th, 2012
12:00 – 1:00 pm
Biology Conference Room - SR 255

(Please note the room change. SR 255 is just off the Campus Connector as you go from the Science Building to the Main Classroom. Access is through the set of doors close to where the SR Directory is posted)

Pizza and refreshments will be served before the seminar.