

Creating a Lighting Research and Education Hub for Sweden

The Swedish Energy Agency (SEA) is a government organization focused on Sweden's national energy policy issues and promoting the development of an energy infrastructure that is environmentally and economically sustainable. The LRC welcomed the SEA as a Partner in 2011 to enhance and supplement the SEA's energy efficiency research and outreach education efforts.

In the summer of 2011, twenty-five professionals



selected by the SEA visited the LRC for a week of strategic, customized training seminars to guide the SEA in becoming the lighting research and education hub for all of Sweden.

The group had varied experience in lighting, so the LRC provided SEA participants with two, concurrent seminars including lectures, hands-on demonstrations of lighting technologies, and workshop sessions. One seminar provided more of an introduction to lighting while the second delved more deeply into technical subjects like new metrics for



evaluating solid-state lighting technologies and exploring the science of how light regulates circadian rhythms.



In an experiment, SEA seminar participants from Sweden wore blue-light goggles to “reset” their biological clocks to New York’s time zone.

Outreach Education

The LRC offers a myriad of comprehensive outreach education opportunities catering to an organization's needs including hands-on lab sessions, Web-based seminars, and remote classroom training. Through these programs, lighting specifiers, designers, architects, engineers, and other professionals learn the latest in lighting technology, design, and human response to light while earning continuing education credits. The LRC's staff includes leading vision and lighting scientists, engineers, physicists, designers, and energy-efficiency experts.

To contact the LRC about your lighting education needs, visit:

www.lrc.rpi.edu/education



View LRC Project Sheets at
www.lrc.rpi.edu/resources/newsroom/projectsheets.asp

**Lighting
Research Center**