

# Workshop: Solid-State Lighting in Higher Education Facilities

*Sponsored by the U.S. Department of Energy*

Tuesday, May 25<sup>th</sup> – Thursday, May 27<sup>th</sup>, 2010

*The Nines Hotel, Portland, Oregon*

## Final Agenda

Tuesday, May 25th, 2010		
Time	Topic	Speaker
4:00pm-6:00pm	<i>Getting up to speed</i> LED experts talk about the current technology, addressing color, light output, life, temperature, power supplies and drivers, etc. This session will also discuss how the CALiPER testing program helps identify better LED products and provides a snapshot of the LED industry.	<i>Pacific Northwest National Laboratory (PNNL) Staff</i>
Wednesday, May 26th, 2010		
Time	Topic	Speaker
8:00am-8:30am	<i>What are we doing here?</i> Welcome and workshop introduction	Jim Brodrick, <i>Department of Energy</i> Naomi Miller, <i>PNNL</i>
8:30am-9:15am	<i>Lighting design: the barriers to LED adoption</i>	Jeff Miller, <i>Pivotal Lighting Design</i>
9:15am-10:00am	<i>Keeping up appearances</i> Designing, building and maintaining attractive and effective spaces	Jean Stark, <i>JMZ Architects</i>
10:00am-10:30am	Break	
10:30am-11:15am	<i>Here are the constraints</i> Manufacturing POV	Terry Clark, <i>Finelite</i>
11:15am-12:00pm	<i>Light and systems</i> Meeting rooms, classrooms, labs, dining facilities	Randy Burkett, <i>RBLDI</i> Oliver Holmes, <i>Rensselaer</i>
12:00pm-12:30pm	Panel discussion and audience questions	Moderated Panel
12:30pm-1:30pm	<i>Working Lunch</i> Topic Tables: Standards & Specs; Snake Oil; System Design & Maintenance; Outdoor Lighting; Glare, Color; Flicker, Dimming and other Performance Issues; Sustainability + End-of-Life; Cost, Warranties; Durability + Service Issues	All. Participants will sign up for a topic during registration. Tables will be labeled with a topic, and participants will join that table for lunch and discussion.
1:30pm-2:15pm	<i>Light for brains</i> Display and task lighting in libraries, clinical labs	Chad Groshart, <i>atelier ten</i> Christie Day, <i>Yale Medical School</i>
2:15pm-2:45pm	Panel discussion and audience questions	Moderated Panel
2:45pm-3:15pm	Break	
3:15pm-4:00pm	<i>A Shot of Reality With a Chaser of Inspiration</i> Theatres, museums, music spaces, historic buildings, conference centers	Patty Glasow, <i>Auerbach Glasow French</i> Ann Reo, <i>io</i>
4:00pm-4:30pm	Panel discussion and audience questions	Moderated Panel
4:30pm-5:30pm	<i>What have we heard, what do we focus on tomorrow?</i> Day one summary and conclusion	Panel
5:30pm-7:00pm	<i>NGLLA's Welcome to Portland</i> Opening Reception	Everyone's invited

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Thursday, May 27th, 2010		
Time	Topic	Speaker
8:00am-9:15am	<i>Light outside</i> Campus walkways, roadways, parking lots, garages, façade lighting	Sandra Stashik, <i>Grenald Waldron Associates</i> William Evans, <i>Princeton University</i>
9:15am-10:15am	Panel discussion and audience questions	Moderated Panel
10:15am-10:45am	<i>What did we learn from all of this?</i> Synthesis: How to move forward addressing these issues? What resources would be helpful? What products are needed? How can we help manufacturers provide products that meet these needs?	Naomi Miller, <i>PNNL</i> Ku'uipo Curry, <i>PNNL</i> Linda Sandahl, <i>PNNL</i>
10:45am-11:00am	<i>Where do we go from here?</i> Where to go for help when you need it, tools, resources, support, alliances	Jim Brodrick, <i>Department of Energy</i>
11:00am	Depart for airport	