

Sylvan R. Shemitz

Memorial Scholarship



Sylvan R. Shemitz, F.I.E.S.

Throughout his career, Sy was a mentor to many young designers. This scholarship is offered in an effort to perpetuate his passion for good lighting through the practitioners of the future.

A scholarship in the amount of \$2,500 will be awarded annually to one student who demonstrates creativity, vision and knowledge in the field of architectural lighting. This award honors the legacy of lighting pioneer and IES member Sylvan R. Shemitz, F.I.E.S. As founder of Sylvan R. Shemitz Designs, Inc., now known as The Lighting Quotient, Shemitz patented many major innovations in asymmetric lighting, including elliptipar and tambient, and invented the first single-source task/ambient lighting solution.



2011 Call for Entries

Eligibility

The submission is open to all second, third, fourth or fifth year undergraduate or graduate students in a design program.

Lighting Project Summary

To apply for the Sylvan R. Shemitz Scholarship, students must read the facility description below and follow the project requirements, including a lighting plan, lighting fixture schedule and specifications and a 250-word written statement of the objectives and goals of the lighting design concept.

Judging Criteria and Process

All applications will be judged by a panel comprised of three IES members and two representatives from The Lighting Quotient.

The following set of criteria will be used to evaluate each application:

- Completes submission by deadline
- Clearly communicates design intent and concept
- Lighting is the prominent focus of the design
- Demonstrates knowledge of lighting design
- Adheres to ASHRAE Standard 90.1-2007, using either space-by-space or whole building method (refer to table provided)
- Designs with IES's recommended light level practices in mind
- Addresses all client concerns outlined in the project description
- Incorporates energy-efficient lighting products
- Showcases creativity

Project Description

West End Elementary is a new kindergarten thru grade school in West Haven, CT. They have asked designers to submit a proposal for a complete lighting design that takes into account the following concerns:

- The concepts should incorporate appropriate lighting for several spaces including age appropriate public spaces, as well as private areas for the educators and administration.
- West End Elementary hopes to have a variety of lamping options and fixture styles that meet or exceed Connecticut's energy-efficient lighting codes (ASHRAE Standard 90.1-2007). Lighting should be designed with IESNA's recommended light level practices in mind.
- The school would like to incorporate a fun learning environment with creative lighting concepts that is versatile for any situation (slide show, presentations, recess).

- Submissions should explore creative solutions that enhance the surrounding learning environment.

While West End Elementary is not an actual project, all designs should be executed as if it was an actual facility. Students can download building specs from: TheLightingQuotient.com

Project Submission Checklist

- A lighting plan for the following areas within the school:
 - Office: Room 100
 - Lobby: Room 101
 - Corridor: Room 102
 - Library/Media Room: Room 103
 - Reading Area: Room 104
 - First Grade Classroom: Room 105
 - Kindergarten Classroom: Room 106
- A lighting fixture schedule and product specifications
- Does the project design meet the IES goals for energy performance and environmental responsibility? Are environmental and energy solutions clearly stated and documented?
- 250-word written statement of the objectives and goals of the lighting design concept.
- One letter of recommendation from principal instructors at the student's current design program; one letter may be from a supervisor from an internship program.
- Completed scholarship application form and all required supporting project documents.
- All documentation must be:
 - No smaller than size 10 pt. font
 - Submitted in PDF format
 - Print-ready and no larger than 24x36"

Note from the Judges:

When completing the project submission, keep in mind the following:

- Students are **not** restricted to using only The Lighting Quotient products.
- Keep computer graphics simple, and do not add graphics that will lead to more questions.
- Maintain good contrast between text and the design background throughout the lighting plan.
- Ensure reflective ceiling plans are easy to read.
- You may want to test and print your PDF prior to submission.

Timeframe

Deadline for Submissions:

March 16, 2012

Winner Selected:

April 13, 2012

Winner Announced:

April 24, 2012

Upload application and plans to:

scholarship@thelightingquotient.com

or send to:

Sylvan R. Shemitz Scholarship Committee

IESNY

The Center for Architecture

536 LaGuardia Place

New York, NY 10012

For more information on The Lighting Quotient, please visit

www.thelightingquotient.com



School Plans

Room Number	Area Category	Area Description	W/ft ²
Room 100	Common Space Types: Open Plan	Office	1.1
Room 101	Common Space Types: Lobby	Lobby	1.3
Room 102	Common Space Types: Corridor/Transition	Corridor	5
Room 103	Library: Stacks	Library/Media Room	1.7
Room 104	Library: Reading Area	Reading Area	1.2
Room 105	Common Space Types: Classroom/Lecture	First Grade Classroom	1.4
Room 106	Common Space Types: Classroom/Lecture	Kindergarten Classroom	1.4

Download all Plans >>

From ASHRAE 90.1 for West Haven, CT; New Construction

<https://energycode.pnl.gov/COMcheckWeb/>

Name of Student Applicant _____

Home Address _____

City/State/Zip _____

Phone _____ Cell Phone _____

email _____ Are you a member of IESNA _____

School Program _____ GPA _____

Instructor _____

email _____ Phone _____



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