

February 2004

IES



The Lantern

The Newsletter of the Mother Lode Section of IESNA



The Care and Feeding of an Architect

An in-depth study of dynamics between architects, engineers, and consultants; specifically, how to control the Ego Monster that runs the project team. Architects and engineers think, speak, and approach projects differently. Knowing how the architect thinks will enable you to work with the difficult architect. Get the behind the curtain view of the way architect's mind works.

Speaker: Brian Cournoyer, AIA, CCS, CSI, Rauschenbach Marvelli Becker > Architects >

Brian is a project manager for Rauschenbach Marvelli Becker Architects in Sacramento

California. He has over 21 years experience as an architect and is licensed in California and Nevada. Mr. Cournoyer holds a Bachelor of Science degree in Architecture from California Polytechnic State University at San Luis Obispo, California. His resource for this presentation derives form 16 1/2 years working for a multidisciplinary engineering and architecture firm in Sacramento where, as an Associate in the firm, his duties included production supervisor and chief specification writer. Brian is a Certified Construction Specifier, is a member of the Construction Specifications Institute and the American Institute of Architects.

DATE

February 17, 2004

TIME

Board Meeting	5:00 PM
Dinner	6:00 PM
Presentation	7:00 PM

LOCATION

Hoppy Brewing Company
6300 Folsom Boulevard
Sacramento, CA

ADMISSION

Per Member w/reservation	\$25
Per Member w/o reservation	\$30
Per Non-member w/reservation	\$30
Per Non-member w/o reservation	\$35
Technical Presentation only	\$ 5

MENU

Dinner will be a selection of Hoppy's best menu items.

RESERVATIONS

Please call **CJS Lighting** before 3:00 PM, **Friday, February 13**, with the following information:

- ✓ Names of people in your party;
- ✓ IESNA Membership status of the people in your party
- ✓ Your company name and phone number
- ✓ Your email address (We need to be able to notify you if there is a sudden change in plans.)

Or, email the above information to Tim:

tjw@cjslighting.com

Please make checks payable to

"IES Mother Lode Section"

PLEASE NOTE:

Because we are charged, we must bill for reservations made but not kept.

Please share this Newsletter in your office.

Prez Sez

We had an excellent crowd for last month's tour of the new Music Circus. Mr. Steve Odehnal, special projects director with Sacramento Theatrical Lighting, was a dynamic and very knowledgeable presenter. He was obviously intimately involved in the design and installation of the lighting systems at the new Music Circus. He tirelessly answered our questions with lots of details and passion. Thank you, Steve.

I always enjoy a tour of a great lighting installation. I am looking forward to our joint tour, with the Golden Gate Section, of the Mondavi Performance Arts Center in April.

Tim Welch and I will be attending the Regional Executive Committee meeting in Salt Lake City on February 6. This will be a great opportunity for us to find out what kinds of good things the other Sections in our region are doing.

At our January Board of Managers meeting we agreed that our Section should put on the ED-50 lighting course again. ED-50 is a very basic lighting course meant for folks who know very little about lighting. We have not put on this one-day course in Sacramento since 1999. We would like to reach out to our members in the far north and south areas of our Section with this effort. Our idea is to host the course three times, once in the north, once in Sacramento, and once in the south. I am attempting to make contact with members in the Redding and Fresno areas to coordinate this effort.

Gary Flamm, IESNA
Section President 2003-2004

Security Lighting from the Ground Up

Designed to be effectively mastered over the average lunch break, the course will enable you, no matter how basic or advanced your technical background, to digest and utilize the essential principles, equipment and applications necessary to plan and execute a security lighting system from the ground up. Throughout the course modules, you will learn to evaluate suggestions on ways to improve existing security lighting applications and develop new systems for the reasonable protection of people and property from criminal activity and the enhancement of an overall perception of personal safety.

The course is intended to provide suggestions to property owners and managers, crime prevention specialists, law enforcement and security professionals, risk managers, lighting specifiers, contractors, the legal profession, and homeowners—anyone concerned with the role that lighting can play in crime prevention.

Topics include: Designing a Plan, Constructing Visibility—Illuminance, Uniformity, Glare, Zones, Equipment Choices—Light sources, Luminaires, Controls, Maintenance Installation Guidelines for commercial, retail and residential applications, including parking lots and ATMs.

Each topic has interactive content with application scenarios and the course concludes with a simulation exercise, "Securing a Bank."

The information in this course is based on recommendations developed by consensus among members of the IESNA Security Lighting committee. The IESNA disclaims liability for any injury to persons or property or other damages of any nature whatsoever, whether special, indirect, consequential or compensatory, directly or indirectly resulting from the use of or reliance on this course information.

Tuition: IESNA Members \$195, Nonmembers \$225.

To register, go to www.iesna.org

Sustaining & Subscribing Members

California Energy Commission

Maziar Shirakh

Capitol City Design

Tony Baker

City of Sacramento

Wes Hiratsuka

CJS Lighting

Robert O'Flaherty

Gale Spencer

Gale Spencer

Interface Engineering, Inc

Stuart Lindsay

Lighting Systems

Keith Roberts

M. Neils Engineering, Inc.

Mike Neils

Sacramento Municipal Utility District

Connie Buchan

Upcoming SMUD Class

DAYLIGHTING DESIGN: TOPLIGHTING

Date: February 17, 2004

Class Time: 9:00 a.m. - 3:00 p.m.
(Pre-registration required)

Course Fee: \$40 (Continental breakfast and lunch included)

Incorporating daylight in a commercial building or school project requires careful consideration. This workshop will focus on the design issues that arise when skylights are used as the avenue of natural light into your building. The morning session will focus on optimizing lighting quality and energy savings, and how to best integrate daylight design with the electric lighting system to create vivid and productive building interiors. General skylight design, positive confirmations of skylight use, and rules of thumb design methods will be explored. After lunch, specific questions from the audience will be addressed. Real world issues will be raised and solutions will be created using more in-depth analysis and design tools. Bring your design questions and you will learn how to easily incorporate natural light into your projects, lower your client's energy bills, and not give heartburn to your mechanical engineer.

Presenter:

Lisa Heschong, Partner at Heschong Mahone Group, is a licensed architect who has divided her professional practice between energy research, writing and building design.

As a researcher, she led the project team that analyzed the impacts of daylighting on human performance for the Daylighting and Productivity Study. As a writer,

she worked with Lawrence Berkeley Laboratories to synthesize their research into the recently published Residential Window: A Guide to New Technologies and Energy Performance. She also is an author of the Advanced Lighting Guidelines. As a building designer, Ms. Heschong has managed projects to design high-rise office buildings, high schools, elementary schools and residences. She is experienced working with multi-disciplinary building design teams, and she understands the unique dynamics and practices of the design process and the needs of institutional clients and developers. Ms. Heschong received her B.Sc. at UC Berkeley and her Master of Architecture degree at the Massachusetts Institute of Technology.

Register: Go to www.smud.org/etc, email etcmil@smud.org, call (916) 732-6738, or fax (916) 732-6229. You must identify for which class you are registering.

Payment: Send a check (addressed to SMUD) to SMUD E&TC, PO Box 15830, MS A226, Sacramento, CA, 95852. Please be sure to include which class and for whom you are registering. You may also pay by VISA or Mastercard by registering online or by calling the Energy & Technology Center at (916) 732-6738.

Course Location: SMUD Energy & Technology Center, 6301 S Street, Sacramento, California (see <http://www.smud.org/about/map/index.html> for a directional map)

AIA Continuing Education Units available for attending.

Connie L. Buchan, PE
Lighting Specialist, SMUD
Energy & Technology Center
916-732-6404, cbucha1@smud.org

ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA

SOCIETY PRESIDENT

Ronnie Farrar (2003-04)
Duke Power
526 South Church Street, EC13S
Charlotte, NC 28201-1006
rhfarrar@duke-energy.com
Tel: 704-382-5417
Fax: 704-382-6907

REGIONAL VICE PRESIDENT

Thomas Tolen (2003-06)
TMT Associates
403 Commodore Drive
Richmond, CA 94804
tom@tmtassoc.com
Telephone: 510-232-2881
Fax: 510-232-2810

MOTHER LODE SECTION 2003-2004

OFFICERS

PRESIDENT

Gary Flamm, CA Energy Commission
916-654-2817,
gflamm@energy.state.ca.us

VICE PRESIDENT

Tim Welch, CJS Lighting
916-787-6630, tjw@cjslighting.com

SECRETARY

Connie Buchan, SMUD
916-732-6404, cbucha1@smud.org

TREASURER

Stuart Lindsay, Interface Engineering, Inc
916-567-3700, Stuart.L@ieice.com

BOARD OF MANAGERS

Mark Crume, SMUD
916-732-6672 rcrume@smud.org

Cory Hiratsuka, CA Dept of Water Res
916-653-5936, chiratsu@water.ca.gov

Abhijeet Pande, Heschong Mahone Gr
916-962-7001, pande@h-m-g.com

Gale Spencer, Interface Engineering, Inc
916-567-3700, Gale_S@ieice.com

PAST PRESIDENT

Kyle Kirkes, Kirkes Electric
209-634-9301, kyle@kirkeselectric.com

COMMITTEE CHAIRS

IIDA

Frank Frounfelker

PROGRAMS

Tim Welch

MEMBERSHIP, LANTERN,

PUBLICATION SALES

Gale Spencer, IESNA

PR/AWARDS