



October 2005

The Lantern

The Newsletter of the Mother Lode Section of IESNA



"APPROACHES TO LIGHTING HISTORICAL STRUCTURES"

IES Mother Lode Section welcomes Angela McDonald of HLB Lighting to share her thoughts on various issues unique to historical buildings that are not encountered during the lighting design process for new construction. She will discuss projects such as the City Halls in San Francisco and Los Angeles, Portland Art Museum, the Ferry Building, 835 Market Street, Met Life Building and the Conservatory of Flowers. These projects range from historic preservation to adaptive re-use within historical structures.

Speaker:
Angela McDonald, IALD
Principal
Horton Lees Brogden Lighting Design Inc

Date		LOCATION
Wednesday, October 19, 2005		Café Milazzo 4818 Folsom Blvd, Sacramento (Between 48 th & 49 th Streets)
TIME		MENU
Board Meeting	5:00 PM	Vegetarian Lasagna
Social	6:00 PM	Chicken Parmesan
Dinner Served	6:30 PM	Shrimp Fettuccini
Speaker	7:00 PM	
ADMISSION		RESERVATIONS
Member w/reservation	\$25	Please make reservations by 5:00 PM, Monday, October 17.
Member w/o reservation	\$30	John Hickman, 916-412-6995
Non-member w/reservation	\$30	hickmanjohn@comcast.net
Non-member w/o reservation	\$35	
Full time Student	\$10	

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

Please share this Newsletter in your office.

Our October Speaker

Angela L. McDonald, IALD, IESNA
Senior Principal

As a Senior Design Principal, Ms. McDonald's responsibilities include project management and design from concept development to completed installation. Her years of experience in theater and themed entertainment design add a high level of creativity to her work along with attention to detail and quality. Ms. McDonald's inter-disciplinary education in theater engineering incorporates her artistic talents with technical training and expertise to provide cohesive and innovative solutions to all types of design challenges. Ms. McDonald is responsible for the daily operation of the San Francisco office.



BACKGROUND

Ms. McDonald was raised in Sweetser, Indiana. Prior to joining Horton Lees Brogden in 1995, Ms. McDonald worked for five years as the lighting designer for Walt Disney World Architecture & Facilities Engineering in Orlando, FL. Prior to that, she was active as a lighting designer for regional dance, opera, and theater projects. Ms. McDonald's body of work encompasses a wide range of projects including lighting design for theme parks, entertainment venues, resorts, restaurants, retail, facades, atriums, exhibits, landscapes, and site development.

AWARDS

- IALD Award of Merit: San Francisco City Hall Renovation, San Francisco, California
- IES/IIDA Awards of Merit: Conservatory of Flowers Renovation, Los Angeles City Hall Facade Lighting, Chihuly Bridge of Glass, Levi's Flagship Store, Pier One Renovation/Adaptive Re-use, San Francisco City Hall Renovation, San Francisco City Hall Facade Lighting, TinkerBell's Treasures, Fountainview Espresso Bar, Dumbo the Flying Elephant
- IES/IIDA Golden Gate Section Awards: J. David Gladstone Institute, Novartis Institute, San Francisco Ferry Building, Hotel Healdsburg
- IES EPRI Award of Merit for Energy Efficiency: San Francisco City Hall Renovation
- Specs/Retail Store of the Year: Mattel's Toys Fantastic, Walt Disney World
- Specs/Retail Store of the Year: Calling Dick Tracy, Disney/MGM Studios

Five for Four Offer:

The five for four offer is available again!

For those of you not familiar with the deal, here it is!

The Mother Lode Section is offering admission to five regular meetings for the price of four meetings! (The Winter and Summer socials are excluded from this offer).

The cost is \$100.00 for five meetings. Meetings do not have to be consecutive.

Save the hassle of getting separate checks for your IES meetings. You may purchase your five for four tickets at any IES meeting through January, 2006.

Contact John Hickman to purchase your five for four tickets.

916-412-6995

hickmanjohn@comcast.net

Prez Sez

Welcome to Autumn! Also known as Fall, Autumnal Equinox, Harvest, and Indian Summer.

The first Regional Executive Committee

(REC) meeting was held last month in Ontario, California, at the Inland Empire Utilities Agency Building which has a LEED® Platinum rating.

Discussions revolved around new International Society Officers, the Centennial Conference, section activities, and education.

It is extremely gratifying to know our section has an incredible education program, thanks to all the board members and participants, but a special thank you goes to Mark Crume for running the show. We are currently in the midst of ED100 and will offer several more ED classes throughout the next year.

This is a great time to get involved with the section through dinner meetings, education, and the Centennial.

If you have any questions about IESNA, the Mother Lode Section, or lighting in general, please contact any one of us..

Connie Buchan, PE, LC

President 2005-2006

916-732-6404

connie.buchan@smud.org

Check it out –

Gale Spencer, Lighting by Design, has received a -

Distinguished Service Award

- from the IESNA for her energetic dedication for service on many different levels: sectional, regional, and international. Check out the September 2005 issue of LD+A and congratulate Gale the next time you see her.

Welcome Our New Member!

This month we only have one new member to report. Many thanks to him for stepping forward to take a position on the Board of Managers as a new member!

Juan Jose Villatoro
M Neils Engineering

Welcome, Juan Jose!

Gale Spencer, LC

Section Membership

Chair

916-649-2220

litegal@surewest.net

ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA

100th Anniversary



Centennial – Lighting Book of Records

Create a mock Guinness Book of Records for your section. Include 100 facts about your section such as presidents of your section, year chartered, photos of past presidents, first building with electricity in your city, significant aspects of your chapter's history, members that served as presidents of the Society, etc. etc..... be creative.

Each Section will send our "Book" to the IESNA. The collected Book of Lighting Records will be combined into a CD ROM available to all the membership. Selected parts will be displayed on the Centennial web site and used at the National Conference in 2006. We

strongly encourage sections to schedule this as a meeting topic with enough advance notice so that members can find the information. It will be a great function to encourage membership of all generations to get involved and collaborate on what should become a living document for your section. Future leaders in the next 100 years will know the history of each section.

This exercise will also expose current and future leaders to past leaders with the purpose of encouraging the sharing of ideas to strengthen our Society in the future.

I would like to try this. I have information on all the past presidents and some early membership rosters. If you would like to help with this effort, please contact me.

Gale Spencer, LC

Section Centennial Chair
916-649-2220
litegal@surewest.net

A man travels the
world over in search
of what he needs
and returns home to
find it.

George Moore
1852-1933
Irish writer and art critic

Lighting Education

The ED-100 class filled quickly this fall with 25 students. It is exciting to see that one student traveled from out of state to attend the course. We also have some new instructors from industry this season. It is this strong commitment from the lighting industry that makes these classes a success. The students will attend nine evening classes at the SMUD Lighting Classroom and upon completion receive a certificate. This class will complete our education schedule for the fall season.

Mark Crume

Education Chair
rcrume@smud.org
916-732-6672

IIDA

Now is the time to be thinking about getting those submittals in for this year's awards. January will come up quickly!

If you have any questions, please contact me.

Frank Frounfelker

IIDA Chair
ffrounfelker@holophane.com
916-725-1903

Juan Jose's Tid bits...

The picture on the right was taken in Downtown Disney in southern California at one of the stores that sell swimsuits and casual wear.

A creative solution for general illumination of the space is to use fluorescent strips on top of the surf boards. The wiring is fed through one of the mounting stems. The surf board serves as a shield for the strips as well as a reflector to create an indirect luminaire. In addition there are several luminaires in the space for display lighting of wall merchandise and selected areas. Incidentally there is one more store in Times Square, NY.

If any of your travels takes you to these places check them out. The picture does not duplicate the actual feel of the space.



Has anyone ever calculated the reflectance of a fiberglass-epoxy-with-clearcoat-surfboard-luminaire before?

Just for Fun...

A doctor of psychology was doing his normal morning rounds when he entered a patient's room. He found a patient sitting on the floor, pretending to saw a piece of wood in half. A second patient was hanging from the ceiling, by his feet.

The doctor asked the first patient what he was doing. The patient replied, "Can't you see I'm sawing this piece of wood in half?"

The doctor inquired of the first patient what the other patient was doing. The first patient replied, "Oh. He's my friend, but he's a little crazy. He thinks he's a light bulb." The doctor looks up and notices the second patient's face is going all red.

The doctor asks the first patient, "If he's your friend, you should get him down from there before he hurts himself." The first patient replies, "What? And work in the dark?"

Yosemite Satellite

The Yosemite Satellite (working toward becoming the Yosemite “Section”) extends appreciation to Rich Westrick, Controls Group Manager for Acuity Brands Lighting, for providing a detailed discussion on DALI (Digital Addressable Lighting Interface) on September 8, 2005. The meeting was well attended by 24 of our current members and provided a great opportunity for our 2006 kick off meeting.

On October 12, 2005, the Yosemite Satellite will be hosting:

2005 California Building Energy Efficiency Standards

Effective October 1, 2005 for all commercial and outdoor lighting projects.



Title 24 Energy Code



Presented by **Gary Flamm**, Title 24 Lighting Program Lead, California Energy Commission

Gary Flamm presents the changes and answers questions regarding the lighting portion of the 2005 California Building Energy Efficiency Standards (Title 24).

Commercial Indoor Lighting Requirements

- Application of Standards for non-residential, commercial projects
- Daylighting and Controls

Outdoor Lighting Requirements

- Determination of Outdoor Lighting Zones and Definitions
- Lighting power allowances for both general and specific applications
- Lighting power allowances for internally and externally illuminated signs

Yosemite Satellite (continued)

Location –

Radisson Hotel - 2233 Ventura Street,
Fresno, CA

Cost –

\$75.00 – per person includes breakfast
and lunch

Date –

October 12, 2005

Please **RSVP** by October 7th:

559-291-1256

jmarshall@holophane.com

8:00-8:30 Continental Breakfast
8:30-10:00 Commercial Indoor Lighting
Presentation
10:00-10:30 Mid-Morning Break /
Refreshments
10:30-12:00 Outdoor Lighting
Presentation
12:00 Lunch

Jay Marshall –
Yosemite Satellite President
2742 Swift Avenue
Clovis, CA 93611
559-291-1256 (O)
559-291-1732 (F)

We are looking forward to seeing you there!

Title 24 Update

The implementation date for the new California Building Energy Efficiency Standards (Title 24) has arrived. All projects for which a building permit is applied for starting October 1, 2005 must comply with the new 2005 Standards.

The following documents are available on the California Energy Commission website:

Building Energy Efficiency Standards (Standards)

http://www.energy.ca.gov/title24/2005standards/2004-11-04_400-03-001-F.PDF

Residential Manual

Residential Lighting Chapter

http://www.energy.ca.gov/2005publications/CEC-400-2005-005/chapters/6_Lighting.PDF

Residential Compliance Forms

http://www.energy.ca.gov/2005publications/CEC-400-2005-005/chapters/Appendix-A_Compliance_Forms.PDF

Nonresidential Manual

Indoor Lighting Chapter

http://www.energy.ca.gov/2005publications/CEC-400-2005-006/chapters/5_Indoor_Lighting.PDF

Outdoor and Sign Lighting Chapter

http://www.energy.ca.gov/2005publications/CEC-400-2005-006/chapters/6_Outdoor_Lighting_and_Signs.PDF

Nonresidential Compliance Forms

http://www.energy.ca.gov/2005publications/CEC-400-2005-006/chapters/Appendix-A%20Compliance+Acceptance_Forms.PDF

**MOTHER LODE SECTION
SUSTAINING MEMBERS**

California Energy Commission	Gary Flamm
Capitol City Design	Tony Baker
City of Sacramento	Wes Hiratsuka
CJS Lighting	Robert O'Flaherty
Gale Spencer	Lighting By Design
Interface Engineering, Inc.	Stuart Lindsay
Lighting Systems	Keith Roberts
M. Neils Engineering, Inc.	Mike Neils
Sacramento Municipal Utility District	Connie Buchan

**MOTHER LODE SECTION
2005-2006**

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COMMITTEE CHAIRS

IIDA - Frank Frounfelker

PROGRAMS - John Hickman, CJS Lighting

**MEMBERSHIP, CENTENNIAL,
HISTORIAN**

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PR/AWARDS, LANTERN - Gary Flamm, CEC

WEBMASTER - Abhijeet Pande, HMG
<http://www.iesmotherlode.org>



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