



September 2005

The Lantern

The Newsletter of the Mother Lode Section of IESNA



Exploring the Design of the M.I.N.D. Institute

Join us Wednesday September 21st for an exciting tour of The Medical Investigation of Nueodevelopmental Disorders (M.I.N.D.) Institute at UC Davis Medical Center. This facility is uniquely designed to accommodate administrative and research functions and most importantly, providing a uniquely adapted space for patients, many of whom may have autism. Karen Finney, the Public Information Officer for the Institute, has graciously arranged for a tour of this special 130,000 square foot facility. Explore the creative solutions to challenging design criteria and observe the results first hand.

DATE	LOCATION
Tuesday, September 21, 2005	The M.I.N.D. Institute U.C. Davis Medical Center 2825 50th Street, Sacramento (parking is in Lot 25, just north of Broadway)
TIME	RESERVATIONS
Board Meeting 5:00 PM	Please contact John Hickman, CJS Lighting 916-774-6888; jmh@cjslighting.com
Dinner NO OFFICIAL DINNER	
Presentation/Tour 7:00 PM	
ADMISSION	
NO CHARGE FOR THE TOUR	
Board meeting and an informal dinner will be held at Café Milazzo 4818 Folsom Boulevard \$10-\$20 per person	Please make your reservations before 3:00 PM, Friday, September 16
For map & directions, visit the UCDCMC website: http://www.ucdmc.ucdavis.edu/mindinstitute/maps_directions/index.html	PLEASE NOTE: A formal dinner is not being held this month due to the tour, but all members are welcome to attend the board meeting (board members will eat together at Cafe Milazzo during our meeting).

Please share this Newsletter in your office.

Prez Message:

Sure hope you are ready for an exciting year at the National, Regional and our very own Section level!

Summer is winding down, the days are getting shorter, the heat will soon subside, and we have an excellent line-up of meetings and events planned. Your elected Board met for an initial kick-off meeting which was full of brainstorming, grand ideas, creativity, food, fun and laughter. I am very pleased with each and every individual who is serving on the Mother Lode Board this year. The enthusiasm is definitely imminent!

We are approaching IESNA's Centennial year in 2006 (that's 100!) with celebrations on the National, Regional, and Section levels. Please remember January 8, 2006, as that is the first day of the Centennial IESNA Conference in New York. This will be a conference of remembrance. Do you know how and why IESNA was even developed? By whom? There's much to learn about the history of our own organization. Please stay tuned as much will be revealed later. In the meantime, enjoy and participate this upcoming year with us as we provide an incredible line-up of speakers, presentations, educational classes, networking and camaraderie.

NCQLP

NCQLP Announces GSA Mandate for Lighting Certified Practitioners

The National Council on Qualifications for the Lighting Professionals (NCQLP) has announced that the U.S. General Services Administration (GSA) has recognized the NCQLP's lighting certification program by including the following in its "Facilities Standards for Public Buildings Service": Qualifications of the Lighting Practitioner. Lighting design shall be performed or supervised by a practitioner credentialed as Lighting Certified (LC) by the National Council on Qualifications for the Lighting Professions (NCQLP). (Section 6.8 Interior Lighting, Daylighting, and Control Systems, p. 189). The inclusion of a lighting certified (LC) practitioner on all lighting projects in all federal building has been mandated by GSA. This is a real coup for NCQLP and attests to the validity of the LC.

NCQLP is a non-profit corporation founded in 1991 to serve and protect the well-being of the public through effective and efficient lighting practice. Through a peer review process, the NCQLP establishes the education, experience and examination requirements for certification in the lighting industry.

lightNOW Magazine
August 2005

*** LC Info:**

If you are a candidate for the LC exam in November, you may want to consider taking the LC Prep Course offered by the Golden Gate Section. Everyone who has completed the LC Prep Course in its entirety has passed the LC exam – EVERYONE! This is an excellent non-traditional course to help motivate and encourage all examinees. I can personally vouch for this class as I decided to take the LC last year and wanted a study support group. We had a small intimate and diverse group of people who learned, studied, and supported each other. It was worth the drive to San Francisco!

Class is held every Tuesday evening beginning on September 13, 2005 through November 1, 2005. If you are interested, please contact Mindy Haverland at 925-820-1112, mhaverland@tcpi.com or Leslie Davis, LC, at 415-392-7528, ldavis@auerbachconsultants.com.

Connie Buchan, PE, LC

Section President 2005-2006

Illuminating
Engineering
Society of North
America

100th Anniversary



IESNA Centennial
Illuminating Engineering
Society of North America
100th Anniversary
Please join us in
celebrating the 100th
anniversary of our Society
during the 2005-2006
year as we celebrate our
past, acknowledge our
members' accomplishments, and
imagine the future of
lighting.

How it Began!

"On the evening of a
bright, clear day,
December 21, 1905, as
the sparkling arc and gas
lamps did their part to
suggest Christmas gaiety,
a group of 25

businessmen met at The
Hotel Astor on Times
Square, New York. Their
purpose was to discuss a
novel idea and to enjoy an
excellent one-dollar
dinner."

Thus begins an article in
the January 1956 edition of
Illumination Engineering,
on the beginnings of the
Illuminating Engineering
Society of North America.
The first meeting was
actually held in January,
where they chose the
name and approved the by-
laws.

The entire article is
available in pdf format on
the IESNA centennial
website,
<http://www.iesna.org/100/>

Although those founding
members are no longer
with us, the article includes
a photo of the members
taken a year later. We
would like to believe that
they would be proud of
what the Society
represents today. Help us
celebrate the 100th
Anniversary of the IESNA.
We will have some special
events this year to
recognize our origins and
celebrate our advances.

Join us to see what we
have planned!

Gale Spencer, LC

Section Centennial Chair
916-649-2220
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IIDA

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

The IIDA program of the
IESNA provides a unique
opportunity for public
recognition of
professionalism, ingenuity,
and originality in lighting
design based upon the
individual merit of each
entry judged against
specific criteria.

If you have any questions,
please contact me.

Frank Frounfelker

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

Laziness may appear
attractive,
but work gives
satisfaction.

Anne Frank, 1929-1945

Welcome New Members

We would like to welcome the following people who have joined the Mother Lode Section during the past fiscal year. Our membership now stands at 107 with nine Sustaining Memberships. A few of these new members have renewed their membership after an absence, but most of them are new to the Society. Please welcome them when you see them at meetings!

Pete Chapman	CAL Lighting	Fresno
John Christensen	Davis Electric	El Dorado Hills
Gary Conway	CES Engineering, Inc	Grass Valley
Timothy Fickling	Teter A&E	Fresno
Rafael Fuentes	Sacramento Municipal Utility District	Sacramento
Davor Golik	DPG Engineering, Inc	Fresno
Jeff Graham	JG Electrical Consulting	Fresno
Bing Gu		Elk Grove
Richard Hardin	2H Engineering Corp	Fresno
Mark Havens	Western Lightsource	Fresno
Alex Ho	2H Engineering Corp	Fresno
Francine James	Triatec Inc	Woodland
Raymond Keith	Electric Motor Shop Inc.	Fresno
Chuck Marshall	Ken Rubitsky And Associates	Sacramento
Eric Reiser	CJS Lighting	Roseville
Santiago Rendon	Teter A&E	Fresno
Zvonimir Repar	New Electric, Inc.	Fresno
Stephen Sheckells	Sacramento Municipal Utility District	Sacramento
Mike Siminovitch	CLTC - UC Davis	Davis
Don Stockton	CBC Lighting	Fresno
Shahrdad Tabib		Davis
Jamie Thompson	Graybar, Inc.	Fresno
Paula Wiesner	Sacramento Municipal Utility District	Sacramento
Mark Worthington	Valley Unique Electric	Fresno
James Wronkiewicz		Lincoln
Eric Yap	City of Sacramento	Rocklin

Gale Spencer, LC

Lighting Education: IES ED-100 Class

The Mother Lode Section of the IESNA will hold a lighting fundamentals class this fall. This class is essential to anyone who is new to lighting. It is also a great review or update opportunity for those who are already in the business, especially those who are only involved in lighting peripherally. The individual sessions will be taught by local lighting experts in the various disciplines covered.

The nine-session course will cover human vision, light & color, lighting equipment, basic calculations, lighting economics, daylighting, and lighting design considerations and techniques for indoor and outdoor applications. A certificate of completion will be awarded to those who attend a minimum of seven of the sessions.

WHEN:

Monday and Wednesday evenings for five weeks,
October 3rd through November 2nd, from 6:00 – 9:00 PM.

WHERE:

Lighting Classroom, on the Second Floor
SMUD's Energy & Technology Center
Customer Service Center building
6301 S Street, Sacramento, just off Highway 50 at 65th Street.

COST:

\$235 for members, \$285 for non-members.

Sustaining member companies may send one person for the member price.

INCLUDED:

- ◆ Nine class sessions
- ◆ ED-100 textbook

RESERVATIONS:

Send a check only (no cash or credit card numbers) to:

Mark Crume

c/o SMUD

PO Box 15830, Mail Stop A102

Sacramento, CA 95852-1830.

Please include the **name, company** affiliation, and daytime **phone number** of each person signing up.

NOTE:

To expedite your enrollment in the course, the check must be made out to IES Mother Lode Section, NOT to SMUD, and Mark Crume name and mail stop must be on the envelope.

Additional information:

Call Mark Crume: (916) 732-7486.

*This is a popular course, and class size is limited –
Reserve your space without delay!*

Illuminating Engineering Society Mother Lode Section Presents “Introduction to Lighting”

The Mother Lode Section of the Illuminating Engineering Society of North America is offering an “Introduction to Lighting” course. The class will be held Saturday October 1st 2005 in the SMUD lighting classroom. The course runs 9 *am* – 3 *pm* and includes lunch.

This course is designed as an introduction for people with little or no knowledge of lighting. The course covers basic lighting principles, terms and calculations. This course will provide a good background for people who want to explore the world of lighting or move to the next level by taking the ED-100 course.

Registration: The cost of the class is **\$50**. Please make your check to the **IES Mother Lode Section**, not to SMUD. Include the **name, company, address, and daytime phone number** of each person registering and mail your check only (no cash or credit cards numbers) to:

Mark Crume, c/o SMUD
PO Box 15830, MS A102
Sacramento, CA 95852-1830

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

Additional information:

Call Mark Crume: (916) 732-7486.

Tid bits...

In the LD+A magazine (July 2005 issue) there is an interesting article regarding the UCDCM MIND Institute which is comprised of three buildings with plans for a fourth one. The MIND institute is a high profile project with local interest. The building is located in the Medical center Main campus off of Stockton Boulevard, next to the

Ronald McDonald House. The MIND Institute was created to study brain disorders and focuses on children. The building has impressive architecture, with extensive use of natural materials, use of day lighting and very creative lighting in general. On the exterior the building layout required the relocation of three full grown, protected Valley Oaks which now provide shade to the interior courtyard. The main lobby

area is open to the public during business hours; however the laboratory, exam, and clinics require authorization or UCDCM employee escort.

Juan José Villatoro, LC

M. Neils Engineering
Inc.

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CEC Blueprint Newsletter

The California Energy Commission's "Blueprint Newsletter" is published quarterly to provide updated information and clarifications regarding California's Title 24 Building Energy Efficiency Standards. "Seeking Excellence," is an ongoing series of interviews in the newsletter with individuals who have made a major difference toward increasing energy efficiency in California. You can view the current and back issues of the newsletter online at:

<http://www.energy.ca.gov/efficiency/blueprint/index.html>

Job Opportunity

ECOM Engineering, Inc

Position:
CAD I and Engineer I

Qualifications: See our
webpage at
www.ecomeng.com

Questions:
info@ecomeng.com
Attention: Cheryl

Pictures from Our June Social



**MOTHER LODE SECTION
SUSTAINING MEMBERS**

California Energy Commission	Tony Baker
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



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2005-2006**

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