



Capital IESNA Lights

*addressing the needs of DESIgn professionals seeking to
improve the lighted environment*

Greetings from your Section President

I was asked to write an introduction of myself and I started with "I'm 5'-6", blue eyes, great sense of humor" but I don't think that was the intention. So let me actually begin by saying that I am the incoming president of the IESNA Capital Section. Really. I was on the ballot and everything. If you've never heard of me you should come find me at an event. I'll be the one running around like crazy to make sure everything is perfect, probably with my nametag on upside-down in the rush.

My biggest goal for the section is simply to educate those inside and outside the industry. If we could reach out to more people and introduce them to some concepts behind lighting design, think of how much easier some of our projects could be. I'm sure everyone could think of a coworker, client, peer or even supervisor, who could have used a lesson in the significance of lighting. It is also important for those already in the know to continue learning. We have some great ideas for the coming year, and we hope to provide events which are appealing to all our members, as well as educate those who may be in the dark about lighting. (Horrible pun, I know.) I look forward to working together over the coming year.

Yours,

Christine M. Brazill
HSMM



Restoration, Rejuvenation, Retrofit, Renovate...All this Confusion

Save Energy! Renovate the Light Fixture! You know that you have a luminaire with a standard mercury lamp and ballast, and you know the time is running out, that 1997 act will not allow these ballasts to be manufactured or imported after January 1, 2008. The fixture is over 30 years old and things are going south in a hurry. Adding insult to injury, the energy bill just went through the roof and folks are screaming, "DO SOMETHING!" Time to renovate!

What does it take to renovate the light fixture, get Underwriters Laboratories to approve the renovation, secure the photometrics for any new lamp you might choose and get the work done?

Lighting Designer Frank Florentine and Exhibit Specialist Richard Pullman of the National Air and Space Museum (NASM) will review the seven month plus process used to renovate architectural light fixtures at NASM. Included in the evening will be a stop in the Air Transportation Hall presently being renovated, a presentation about the existing light fixture and the desire for a better luminaire with better light for the planes on exhibition.

Join us for the September meeting of the Capital Section, Illuminating Engineering Society, at the National Air and Space Museum, Thursday, September 21, 2006, 6:45 to 8:30 pm. Sorry, folks, we can't serve food at this event. See page 2 for the "official meeting notice"



Capital Section Illuminating Engineering Society of North America

Restoration, Rejuvenation, Retrofit, Renovate..... All this Confusion

When:
Thursday
 September 21, 2006

Meeting:
 6:45 – 8:30 PM

Where:
 National Air and Space
 Museum
 Independence Ave at 4th St SW
 Washington, DC 20560
**Use Independence Ave
 Entrance**

Members + Nonmembers:
 \$10
 (Payable at door ~ cash or
 check)

Save Energy! Renovate the Light Fixture! You know that you have a luminaire with a standard mercury lamp and ballast, and you know the time is running out, that 1997 act will not allow these ballasts to be manufactured or imported after January 1, 2008. The fixture is over 30 years old and things are going south in a hurry. Adding insult to injury, the energy bill just went through the roof and folks are screaming, "*DO SOMETHING!*" Time to renovate!

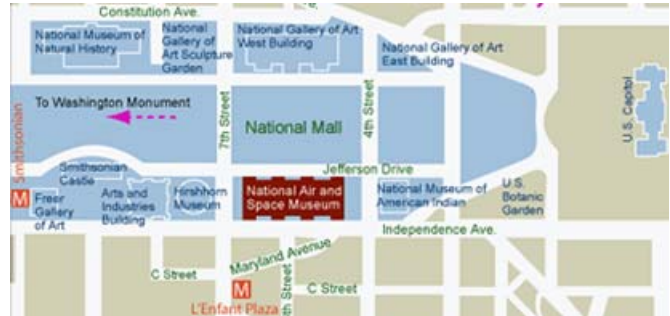
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GETTING THERE

Closest Metro Rail stops: L'Enfant Plaza and Smithsonian.

Parking: Limited metered street parking is available. Please read signs carefully for parking hours and permit restrictions. Meter restrictions lift at 6:30PM.



RSVP

Fax or Email RSVP to:

Emlyn Altman LC, (f) 202.478.8811, (e) rsvp.capierna@gmail.com

Name: Company:

Tel: Fax: Email:

Reservations & Cancellations must be received by **noon, Wednesday, September 20th**.

Note: You will be expected to honor your financial commitment if you are a "No Show".

Oct. 16 ~ Golf Outing for Student Scholarship at Cross Creek Golf Club

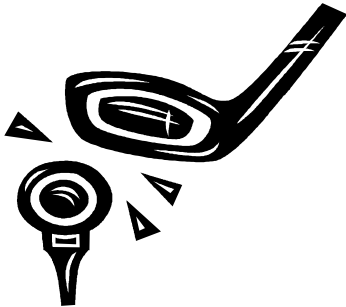


IESNA Second Annual Golf Tournament

DATE: Monday October 16, 2006
TIME: Registration & Lunch 7:30 AM — 3:00 PM
 Shotgun Start 8:30 AM

LOCATION: Cross Creek Golf Club
 12800 Bay Hill Drive
 Beltsville, MD 20705

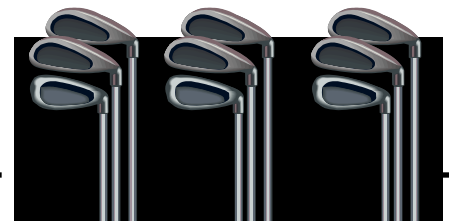
COST: \$95.00 per person or \$380.00 per team



- **FOUR PERSON TEAMS — CAPTAIN'S CHOICE**
- **REGISTRATION FEE INCLUDES:**
 - PUTTING CONTEST
 - RAFFLE TICKET TO EACH PARTICIPANT FOR PRIZES
 - THE AWARDS CEREMONY WITH BUFFET LUNCH
 - IF YOU WOULD LIKE TO ATTEND THE AWARDS CEREMONY ONLY (1:00—3:00 PM), THE COST IS \$35 AND INCLUDES A RAFFLE TICKET. PLEASE RSVP ACCORDINGLY.
- **AWARDS INCLUDE:**
 - (2) "LONGEST DRIVE (4)*CLOSEST TO PIN *BEST TEAM(S)
- **MAIL THE REGISTRATION FORMS BELOW AND A CHECK BY FRIDAY SEPTEMBER 29, 2006 PAYABLE TO:**

DON'T FORGET!
 There will also be a
50/50 RAFFLE
AND
 Mulligans will be
 available for
 purchase,
 at a maximum of 2
 per person.

IES-CAPITAL SECTION



**Sign up by
 SEPTEMBER 29, 2006!**

NAME _____

COMPANY _____

EMAIL _____

OTHERS YOU WANT TO PLAY WITH (INCLUDE SELF IF TEAM OF 4)

1) _____ EMAIL _____

2) _____ EMAIL _____

3) _____ EMAIL _____

4) _____ EMAIL _____

NAME OF TEAM (OPTIONAL) _____

Send form and check to:

IESNA—Capital Section
 C/O Deborah "Smitty" Smith
 64 Millhaven Ct.
 Edgewater, MD 21037
 (410) 956-1333-P
 (410) 956-1332-F
 (410) 212-5695-M
 smittyosa@comcast.net



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Announcing 2007 Capital Section Membership Directory

Yes, it's time for a Capital Section Directory. The Section plans to print the directory and make it available to the Design Community. Imagine the convenience of a booklet of names and numbers at the fingertips of your next client. One more benefit of being a Member of the IESNA Capital Section! If you wish to be included, please fill in the form below and fax the page to Wanda Barchard at Burt Hill. Fax: 202-333-3159 (members only, please!) While we are asking for your response, why not tell us about your favorite meeting topics, or maybe there is a topic you would like to present!

Information to be included:

- Name
- Company
- Specialty
- Phone number
- Email
- Section Activity *(past officer, meeting coordinator, etc)*
- Preferred Meeting Topic(s)
- IESNA Membership # (this will not be published,
But is to verify your membership)

2006-2007 IESNA Capital Section Member Directory
Name: <i>Jayne Luminaire, LC</i> Company: <i>Brilliant Ideas</i> Specialty: <i>Broadcast facilities, Healthcare facilities</i>
Phone: <i>202-727-1000</i> Email: jumin@brilliantideas.biz Section Activity: <i>Past President, meeting coordinator, general meddler</i>
Preferred IES Meeting Topic: <i>Lighting the National Christmas Tree</i> <i>Holiday Theater Event</i> <i>Old Timers Night</i>
IESNA membership #: <i>987654</i>

Fax this page to the attention of Wanda Barchard at Burt Hill, fax: 202.333.3159 by November 8, 2006.

Yes, do include me in the IESNA Capital Section Membership Directory.

Name: _____

Company: _____

Specialty: _____

Phone number: _____ Email: _____

Section Activity: _____

Preferred Meeting Topic(s): _____

_____ IESNA Membership # _____



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Upcoming Events

Your Section Board of Managers has been hard at work planning the upcoming Calendar of Events for the 2006 – 2007 Year. The first Section meeting of the Calendar is planned to be a Museum visit in September; the Golf Outing to Benefit the Student Scholarship Fund on October 16th is under control. The Virtual Seminar topic is “



Here are some members of the Capital Section board clowning around as Emlyn Altman LC, President 2004-2006 hands the crab mallet (aka gavel) to Christine Brazill, Intern LC, President 2006 - 2007. Behind them stands reading left to right:) Dick Schwab FIES (Manager), Deborah “Smitty” Smith LC (VP), Sue Noble (Manager), Eric Immediato LC (Manager), Happy (host), Bill Mazurkewitz (keeper of the funds), and Frank Florentine FIES, LC (Manager).

Announcing the IESNA Capital Section Student Scholarship

The IESNA Capital Section Student Scholarship Committee extends an invitation to submit essays for the 2007 Student Scholarship. All full time students in either a two or four year Architecture or Interior Design Program are welcome to participate. 1000 word Essays on “The Impact of Lighting on Architectural Design”, will be accepted from October 15th to February 14th. This will allow both fall and spring semester students to participate, since the schools in the area offer Lighting Design classes at different times of the year. The lucky recipient will receive a sponsored trip to Lightfair International 2007 in New York City, scheduled for May 8 – 10, 2007 (This includes roundtrip train tickets, 4 nights hotel, and registration for Lightfair). Visit www.capitalies.org to download the forms after September 15th.

Richard N. Schwab FIES to receive IESNA Medal Award

Our own Dick Schwab has been a very active member of the society at the Section level, having served as Section Secretary, Vice President, President, and as a dedicated member of the Section Board of Managers. Mr. Schwab is an internationally recognized expert in the field of highway visibility and night driving safety. Prior to his retirement in 1993, he was program manager at the Federal Highway Administration for research concerned with improving driver visibility of the roadway environment both under nighttime and adverse weather conditions. His technical background is in the physiology and sensory capability of the human visual system. Much of his research efforts have involved optimizing retroreflectivity of signing and delineation, developing improved methods for vehicular and public lighting, and development of effective methods of improving safety during adverse weather.

For 15 years, Mr. Schwab was the U.S. representative to Division 4, "Lighting and Signaling for Transport," of the Commission Internationale de l'Eclairage. Eight years of this service, he was Associate Director of that Division responsible for coordination of its efforts to prepare International Standards in conjunction with the International Standards Organization. He chaired the effort that led to the acceptance of an international standard on luminous intensity of traffic signals (CIE/ISO Publication No. 16508-1999). He also chaired the Division's technical committee on the "Fundamentals of the Visual Task of Night Driving" and was primary author of its report, published in December, 1992.



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In addition, Dick is active on Technical Committees working on roadway signs, developing in-service nighttime visibility criteria for retroreflective traffic signs and markings, traffic signals, and color vision testing for transport. He also served of Technical Committees of the Organization for Economic Co-operation and Development that issued reports on "Lighting, Visibility and Accidents" and "Adverse Weather, Reduced Visibility and Road Safety."

He has been active on the Transportation Research Board's Visibility Committee and is current completing 6 years as chairman. He is a past chairman of the Illuminating Engineering Society's Roadway Lighting Committee, and remains an honorary member of the committee. He is a Fellow of the Illuminating Engineering Society of North America and has received their Distinguished Service Award. He also received two Superior Achievement Awards from FHWA in 1988 and 1992 for his leadership in improving visibility and safety for the nighttime driver. He received the Highway Research Board Award in 1972 for his outstanding paper on "Improvement of Visibility for Night Driving," which summarized the research he directed involving polarized head lighting.

We hope you will be attending the 2007 IESNA Annual Conference in January at the Point Hilton Resort at Squaw Peak in Phoenix, AZ where we can all cheer for Dick as he receives the IESNA Medal Award!

Yoshihiro Ohno to receive IESNA Fellows Award

Yoshihiro Ohno, group leader of the Optical Sensor Group of the Optical Technology Division in the Physics Laboratory at National Institute of Standards and Technology is a Sustaining Member of the IESNA. Yoshi is referred to in his field as, "The Father of Modern Photometry".

Ohno's research into the development of semi-conductor-based lighting could potentially reduce total electricity use in the US by 10 percent. He has been recognized by the Arthur S. Fleming Awards Commission as one of the recipients of the 57th Annual Fleming Awards at GWU for his innovative research and international leadership as a supervisory electronics engineer in the optical sciences of photometry and colorimetry. Yoshihiro chaired a Commission Internationale de l'Eclairage Division 2 workshop on "New Technologies for Optical Radiation Measurements" in November of 1995. He is an Advisory member of the IESNA Testing Procedures Committee.

Light as Art Exhibit at Virginia Museum of Fine Art

Artificial Light ~ September 15 to October 29, 2006

Artificial Light will feature new sculpture and installations by Jennifer Allora and Guillermo Calzadilla, Spencer Finch, Ceal Floyer, Iván Navarro, Nathaniel Rackowe and Douglas Ross. For these artists, actual light – natural and artificial – serves as a means to engage issues of perception, memory, energy and power. Influenced by the pioneers of light sculpture from the 1960s and '70s, including Dan Flavin, James Turrell and Bruce Nauman, these rising artists have expanded the use of light as a sculptural form to address a broad spectrum of concerns. The exhibition's title refers to the fact that electric light will serve as a primary material, but it also refers to themes related to the concept of artifice, such as technology, nature, beauty and mystery.

"There has been a resurgence of interest among younger artists working with light as a material," said exhibition curator Ravenal. "I'm excited to present new work by the particular artists in this exhibition. They represent a spectrum of approaches and make powerful, thoughtful and poetic light-based objects and installations. I'm sure our audiences will find their work a memorable experience."

Virginia Museum of Fine Arts at 200 N. Boulevard in Richmond, Virginia USA 23220-4007



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2006 Awards Banquet Sponsors

Once again we would like to express our appreciation to our sponsors for the Awards Banquet; your support made this a terrific evening. Thanks to:

Benefactors: Acuity Brand Lighting Alliance Lighting C.M. Kling + Associates Chesapeake Lighting Federated Lighting Potomac Lighting	Patrons: Dominion Electric Supply George Sexton + Associates GHT Limited KTA MCLA Inc. New Design Light One Source Associates
Associates: Ambiance Lighting Commercial Lighting Sales Inc. Illuminations Osram Sylvania, Inc.	Friends: Burt Hill Carrene Ressa & Associates Emlyn Altman Holophane Scott M. Watson Zanger Associates

Door Prizes supplied by: G.E. Lighting, Maurice Electric Supply Company, and Zanger Associates

ED 100: Fundamentals of Lighting

The Capital Section will be offering the **NEW ED-100** December 1 +2, 2006 at the Frank Reeves Municipal Center ~ 2000 14th Street, NW ~ Washington, DC 20009 in the Edna Frazier Community Room.

Modules include the following topics with just a few of the items included in each heading....

Light, Vision and Perception	Components of Sight	Visual Perception	Visual Acuity
Light and Color	Characteristics of color	Color measurement	Color technology
Light and Human Health	Sight	Circadian rhythms	Aging
Daylighting	Daylight availability	Daylight control	Integration with electric light
Light Sources	Daylight, sustainability	Incandescent, Fluorescent	HID, LED
Luminaires, Controls, Photometry	Methods of light control	Luminaires	Photometry, Photometers
Lighting Analysis	Average illuminance	The Lumen Method	Computer analysis
Interior Environments	Interior lighting issues	Performance applications	Architectural applications
Exterior Environments	Exterior lighting issues	Performance applications	Architectural applications
Lighting Economics	Cost of light	Cost analysis	Evaluating cost analysis
Electrical Codes, Safety and Energy Standards	NEC	UL	CSA
Sustainability	Elements of sustainable lighting	Product level environmental assessment	Standards

Look for a separate mailing for the upcoming course.



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2006 Annual Awards Banquet was a Success!

A grand time was had by all who attended the Awards Banquet on May 22, 2006 at The Melting Pot on 19th St NW in Washington, DC. The presenters were most entertaining!

Longevity Pins were awarded to the following:

5 Years:

Emlyn Altman

John Vlah

Unfortunately there was an oversight in the list of member anniversaries to be recognized, which was corrected after the presentations by giving a 20 year longevity pin to Andrea Hartranft. Andrea is a past officer of the Section; she is active in the IESNA Progress Committee.

IESNA Capital Section Service Award was presented to Lizann Wood.

Eileen Ward was honored with an Acrylic sculpture recognizing her continued support of the Capital Section.

Frank Florentine was honored with an acrylic sculpture recognizing him for Valued Resource of Connections.

Deborah "Smitty" Smith was honored with an acrylic sculpture recognizing her for Valued Efforts Chairing the 1st Annual Student Scholarship Golf Outing.

Emlyn Altman was honored with an acrylic sculpture recognizing her for Valued Service to the Section.

Congratulations to the Capital Section International Illumination Design Award Recipients listed below by category.

Capital Section Guth Award Projects:

- Frank Florentine, FIES, LC of Smithsonian Institute/NASM for Commons in the Castle Smithsonian Institute in Wash, DC.

Capital Section Guth Award + East Central Regional Award of Merit Projects:

- Susan Brady & Alina Ainza of SBDL Studio and Thomas Brennan & Rob Grabarz of Lehmann Smith, MacLeish for Jones Day in Columbus, OH
- Susan Brady & Alina Ainza of SBDL Studio and Filip Simpson, Donald Murphy & Scott Nguyen of Lehmann Smith, MacLeish for General Dynamics in Falls Church, VA
- Robert Cox & Gloria Wu of Hellmuth, Obata + Kassabaum for Chevy Chase Land Company in Chevy Chase, MD
- Maureen Moran & Scott Guenther of MCLA, Inc for Jackie's Restaurant in Washington, DC

Capital Section Guth Award + East Central Regional Award of Merit Projects sent on to International Judging:

- Andrea Hartranft & David Ghatan of C.M. Kling & Associates for Wooly Mammoth Theatre in Washington, DC.

Capital Section Waterbury Award Projects:

- Wanda Barchard & Joanne Shelly of Burt Hill for Riverfront Park in North Charleston, SC

Capital Section Waterbury Award + + East Central Regional Award of Merit Projects:

- Maureen Moran & Matt Latchford for Tivoli Square in Washington, DC.
- Wanda Barchard of Burt Hill for Riverfront Park Pavilion in North Charleston, SC

Capital Section Waterbury Award + + East Central Regional Award of Merit Projects sent on to International Judging:

- Andrea Hartranft of C. M. Kling & Associates for Charles Douglas Airport West Daily Parking Deck in Charlotte, NC.

Don Hoffman won the Student Scholarship Fund Raffle and graciously bore the teasing that ensued with good humor.

*Congratulations to Andrea Hartranft + David Ghatan! The Wooly Mammoth Theater received a
2006 Edwin F. Guth Special Citation at the International Level*