



# IESNA Capital Lights

December 2005

Volume 2, Number 2

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[www.capitalies.org/](http://www.capitalies.org/)

## International Illumination Design Awards 2006

The Capital Section of the Illuminating Engineering Society of North America invites you to enter the 2006 International Illumination Design Awards (IIDA) program.

This lighting program is open to all professionals in the design community without limitation by professional affiliation. Any project using light – architectural, decorative, informational, entertainment, temporary or permanent installations -- may be entered. It is 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.

Deadline for submittals: January 16, 2006.

Send your submittal on a CD to:

Ken Anderer, PE

Burt Hill Kosar Rittelmann Associates

1056 Thomas Jefferson St NW

Washington, Dc 20007

The form indicates a \$25 processing fee for each submittal; Capital Section members will enjoy the benefit of a \$10 submission fee.

## Introducing the 2005 Student Scholarship Recipient

Miss Hye Ree (pronounced Heddy) S. Kim is the recipient of our first Student Scholarship.

Hye Ree is an undergrad student in the Interior Design Program of The George Washington University at Mount Vernon College.

The Lighting Design class informally presented their lighting fixture designs on December 7, 2005. The students were each given a different "star of the big screen" to study and use as an influence for their design. There were 20 stars depicted in a variety of prototype luminaires

Hye Ree had Robin Williams to depict, a diverse actor of many faces, who is capable of expressing his inner child at the drop of a hat. See page 2 for a photo.

Of course, you must attend the January 26<sup>th</sup> meeting to hear Hye Ree's explanation of her creation and it's versatile nature – in fact, the

*Hye Ree receiving her Scholarship*



*Hye Ree's Luminaire Design*



*Another student's creation – look at the materials used!*



*What voluptuous actress could this depict?*



entire class will be there to share their terrific creations! Please mark your calendars now.

## Frequently asked Questions concerning International Illumination Design Awards

### **Q. May I re-submit a Project?**

Projects may not be submitted to the program twice. Once it has been judged and an award received, it cannot be submitted again. If the project was disqualified and therefore never judged, it may be re-submitted as a new entry with corrections within 24 months of project completion.

### **Q. May an entry receive more than one award?**

If an entry is entered in more than one category and receives a passing score in those categories, it will receive an award for each category.

### **Q. What are the Awards and when are they presented?**

The Awards are presented according to the category in which they entered the program. The Guth Award for indoor commercial design, The Waterbury Award for outdoor lighting design, the Cutler Award for residential design and the Energy and Environmental Design Award Sponsored by OSRAM SYLVANIA.

At the Section level, there is a Certificate of Participation and a Section Award Certificate. These awards are presented annually during the Capital Section Awards Banquet. At the Regional level, there is an Award of Merit and an opportunity for a project to be forward on for international judging. The international awards are presented at the IESNA Annual Conference. Regional Awards of Merit are mailed in the Fall.

The levels for the International Awards are: Special Citation (Certificate for designer and owner), Award of Excellence (crystal obelisk, for designer, certificate for owner) and Award of Distinction (crystal obelisk for designer, certificate for owner)

### **Q. I know there is a 250-word limit, but how are the words counted?**

All dictionary words are counted. A word is defined as any character separated by a space. Example: 250 watts is two words while 250w is one word. Words such as "a", "and" or "the" will be counted. Defining words such as "image 001GWbridge", when separated from the text to be read, are not counted.

### **Q. How are the entries judged?**

Judging is done at the Section, Region and International levels. Each entry is judged again at each level if it progresses. The IIDA judging

### Some 2005 IIDA Capital Section Projects



James S. McDonnell Space Hangar at National Air and Space Museum  
Submitted by Frank A. Florentine, FIES, LC



Alabaster Caverns State Park in Freedom, OH  
Submitted by Frank A. Florentine, FIES, LC



Guest house in Millbrook, NY  
Submitted by Maureen Moran & Scott Guenther

sheet is used throughout the process; however, different judges will be judging the entry at each level.

### Q. How are the judges selected?

At the Section level, the Section IIDA Chairperson selects judges from several disciplines to judge each entry. It is encouraged to utilize the many disciplines of the industry, including architects, engineers, designers, manufacturers' and their representatives. Every effort must be made so that none of the judges were involved on any of the projects. Once the Section judging is done successful entries are forwarded to the Regional Chairperson. The Regional Chairperson selects judges from throughout the region to judge the entries that have been passed on. Successful entries from the regional judging are forwarded to the IIDA Committee for International judging. These individuals are a well-represented panel of judges approved by the Board of Directors of the IESNA.

### Q. What scores determine which entries move on?

Refer to the IIDA judging sheet that accompanies the rules and nomination form. At the section level, those projects scoring below 65 points will receive a Participation Certificate. A score of 65 or above receives a Section Award and will be forwarded to regional judging. Each entry is judged again at the regional level by a separate set of judges. At the regional level, an entry with a score between 75 and 84 points will receive an Award of Merit. Entries with a score of 85 or above will be forwarded to international judging. Any project that does not receive an International Award will receive an Award of Merit.

### Q. How are the final scores for each level tallied?

All judging is done by CONSENSUS. The chair at each level is responsible for the judging process. Using the IIDA judging sheet, each judge will mark his or her sheet as the project is presented. After the project is presented, the judges may ask to go back to certain projects and have the text re-read. The judges then add up their individual scores and hand them over to the IIDA chairperson for verification of scores. The chairperson may choose at this point to make the scores known to the judges, or they may wait until all judging is complete. Once the judges are aware of the scores, they may discuss the project and arrive upon a consensus that determines the project's final score. This will usually determine whether the project goes on for further judging.

## Guidelines to Improve your IIDA Text

### 1. Clearly state the complexity of the problem.

What area, object or people were to be illuminated and why? What were the visual tasks? Were there special effects to be achieved? Is the space used for varied functions? Were there energy or budget limitations? Were there architectural, structural, HVAC or maintenance restrictions?

### 2. Define the lighting concept.



Chapin Hall at Williams College,  
Williamstown, MA  
Submitted by Daniel J. Zuczek & Carole  
Lindstrom



Nusta Spa in Washington, DC  
Submitted by Debra Gilmore & Gaspar  
Glusburg

Does the lighting contribute to the function of the space? Is the system consistent with the aesthetics of the space? Is there daylight in the space and if so how was it controlled and utilized.

### **3. If lighting was integrated into the architecture, explain how.**

Is the lighting equipment integrated into the environment? Is the solution consistent with the purpose of the space? Does the lighting enhance the space? What was incorporated into the design that is of special value to the needs of the end-user?

### **4. Address the originality of your design.**

What considerations did you deem necessary in the selection of lamp sources and equipment to solve the problem? Were commercially available products used? If custom equipment was used, what particular problems were solved? What aspects of the design are innovative or special?

### **5. Utilize IESNA recommendations to reinforce the performance criteria.**

What performance criteria were used to solve the problem? Were owner and/or architect's requirements met? Although not required, did the solution meet or exceed the IESNA recommendations for quantity and quality of light? If so, address the recommended practice that guided you. List the actual foot-candle levels and why those levels were targeted.

### **6. Reinforce the visual comfort of your design.**

Did you have to address the viewing comfort, glare, reflections, or contrast ratios of the end-user? How did you solve the problem?

### **7. Utilize budget constraints as part of your problem-solution task.**

Is the initial cost appropriate to the client's needs? Was a life cycle analysis done? Have operating costs been kept as low as possible?

### **8. Define how the system is maintained.**

Is the solution easy to maintain? What safety issues were addressed? What was incorporated into the solution to make maintenance an easy task? What type of equipment was utilized to achieve the design? What performance requirements were demanded of the equipment? What lamp types were chosen for ease of maintenance?

### **9. Close with a clear, concise explanation of why the design deserves an award.**

Is the design fresh, unique or innovative? Does the design make a special contribution to the art and science of lighting? Does the design improve human welfare, productivity or activity? Does the design motivate people in some way?

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## Guidelines to Improve your IIDA Photography

### **1. Prepare a text outline in advance**

It is best to have an idea of how you want your presentation to flow before you start taking photographs.

### **2. Know the appropriate filters to use**

Get advice on different filters for different light sources

### **3. Use a Tripod**

Most lighting shots will require some time exposure. It is best to use a tripod

### **4. Take plenty of photographs.**

Take at least 72 images so you have plenty to choose from. If one area appears better in the photos, modify your script to focus on that area.

### **5. Utilize different angles.**

Take several shots of the same area that you wish to show, but try several different angles.

### **6. If shooting the project yourself, get advice.**

Visit a professional camera store or call a professional photographer for advice.

### **7. The images must accurately represent the appearance of the lighting installation.**

Fill light is easily detected by professionals and might influence their thoughts on your project or make decisions difficult. Remember this is a program to judge architectural lighting design. The integrity of the design should be reflected in each image. Do not digitally enhance the images being submitted.

### **8. Carefully identify each image with the project name and number to correspond to the script.**

Be sure to put the number first followed by the project name. For example: 001GWbridge.jpg 002GWbridge.jpg.

### **9. The single biggest mistake is not having the text match the image being viewed.**

The Nomination form clearly states where and how they are to be labeled.

### **10. Be sure to only use one CD-ROM per entry.**

### **11. Use a professional photographer if possible.**

If you feel strongly about your project, invest in good photographs. Explore all avenues. Maybe the end-user would like to have photographs as well. Remember that the end-user will get an award also.

## 12. Digital Images

To ensure the visual quality of your image use a digital camera with at least 5 megapixel resolution.

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## Report on the Capital Section First Annual Scholarship Fund Golf Outing

It was an early start with participants waking up with hot coffee to stave off the morning chill. There was a feeling of anticipated excitement as players chatted with one another and warmed up on the practice tee. As the day progressed, the temperature warmed up, although it remained windy. Everyone seemed to be having a good time on the course, joking prevailed in each group with a lighthearted attitude toward scores and performance. Afterwards, all gathered for refreshments and more friendly talk while event organizers awarded prizes to the lucky ones.

The day ended with everyone leaving happy and looking forward to next year.

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## Hold the date: January 26, 2006 Luminaire Designs for "Stars of the Silver Screen"

Where: Illuminations at Cady's Alley in Georgetown. Expect the meeting notice by January 13<sup>th</sup>.

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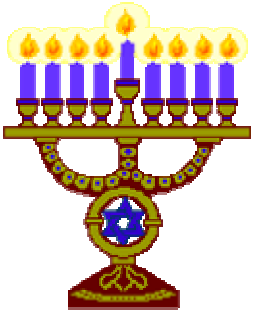
## Hold the date: February 23, 2006 "Lighting Control Systems" with Tabletops

Where: Holiday Inn Rosslyn at Key Bridge. Expect the meeting notice by February 10<sup>th</sup>.

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## Happy Holidays

We wish you a Joyous Season, whether you celebrate Chanukah, Christmas, Kwanzaa, or the winter Solstice. Keep the home fires burning, and count your blessings.



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IESNA Capital Section  
c/o Mark Burke  
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16000 Trade Zone Ave ~ Ste 406  
Upper Marlboro, MD 20774

Your Name Your Company
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Please share this newsletters with your Co-workers, and fellow lighting enthusiasts.