

Phoenix Chapter of the Construction Specifications Institute

# Cactus Comments

CSI PHOENIX NEWSLETTER

NOVEMBER 2008

## PUBLICATION DEADLINES

Publication deadline for the December 2008 issue of the Phoenix Chapter Newsletter is November 20, 2008.

Articles and items of interest should be submitted to Darlene Moore at [dabimo@hotmail.com](mailto:dabimo@hotmail.com) or Alex Devereux at [adevereux@itt-tech.edu](mailto:adevereux@itt-tech.edu).

We welcome member articles and ideas/suggestions.

## CHAPTER NEWS



**Knowledge for Creating & Sustaining the Built Environment**  
CSINet - Home of The Construction Specifications Institute

### Monthly Chapter Meeting

The November Chapter Meeting will be held on **Thursday, November 13, 2008**. Check-in and Networking begins at 5:30 p.m. Dinner and Program will begin at 6:30 p.m. The meeting will be held at the **Radisson Hotel Phoenix City Center, 3600 N. 2nd Avenue, Phoenix, AZ 85013 (602-604-4900)**. **For dinner reservations, call 602-258-7499 by November 18th at noon**. Cost is \$40.00 for non-members (cash or check only), free to CSI members and counts as one (1) AIA LU credit. This month's program is "Fenestration Materials and Methods". Guest speakers are Mark Kranz, AIA, LEED AP, and Mark Roddy, AIA, LEED AP, of SmithGroup.

### Monthly Technical Meeting

If you would like to join the CSI Technical Committee, the next meeting is Tuesday, November 11, 2008 from Noon until 1:00pm at FM Solutions; 4001 N. 3<sup>rd</sup> St., Ste. 250; Phoenix, AZ 85012; 602.265-7900. The topic of discussion is Urban Heat Island Effect—Roofs.

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**We have a new Classified Section at the end of the newsletter for posting advertisements through the Cactus Comments newsletter. Please contact Alex Devereux at [adevereux@itt-tech.edu](mailto:adevereux@itt-tech.edu) for rates.**

**We welcome articles from you, our readers, in any format you can provide. Articles may be of any length and may contain photos, websites, etc.**

# PRESIDENT'S MESSAGE

## Let The Sun Shine In

***By President, Ken Martinek***

Fenestration and daylighting work hand in hand. To elevate and enrich the human experience is the power of architecture. Connecting us to daily life, clarifying our relationship with one another and to the realities of place and time is also a huge roll served by architecture.

So it is safe to say that the ebb and flow of architectural interest in daylighting and fenestration over the last 60 years mimics the daily cycle of the sun. However over the last few years we are witnessing a resurgence of interest in daylighted buildings, driven in part by a renewed interest in the welfare of occupants within buildings and by longer term, broader concerns encompassed within the "green building" and sustainable design movements.

The creation of well-daylighted buildings remains a challenge that is surprisingly difficult to meet. Flooding a building with daylight requires no particular architectural skill. A more appropriate response must balance the needs of owners, occupants, and society by integrating concerns for identity, aesthetics, amenity, comfort, energy efficiency and cost effectiveness. Great architectural designs have not always been environmentally

friendly and elegantly engineered solutions sometimes fail to meet basic human needs.

Among other things, architecture is about fit, revelation and prediction. It should fit with what is there and what transpires, and it should reveal what is there and how events change. And the fit and revelation are not just now, at the start of design, but overtime, in the future; thus, prediction.

Nothing is more important to architecture in this process than daylight. Daylight does much more than merely allow us to carry on the tasks and activities we built the building for, it reveals the passage of the day and tells us something about the quality of the day outside the building. It informs and connects.

So let the sun shine in.

***About the President:*** Ken Martinek, CSI, CDT, AIA, is National Sales Manager for Arcadia, Inc. (est. 1930), a leading single source supplier of architectural building products, including curtain wall, storefront, entrance, window and interior framing. Martinek has over 30 years in the glass and glazing industry and has been a CSI industry and AIA affiliate member since 1988, supporting both the architectural and glazing community.

*"Great architectural designs have not always been environmentally friendly and elegantly engineered solutions ..."*

# SPEAKER BIOS

## **MARK RODDY, AIA, LEED AP, SmithGroup.**

**Mark Roddy**, AIA, LEED AP, is a design principal and the lead designer for the Phoenix office of SmithGroup's Office/Workplace Studio. A graduate of the University of Arizona College of Architecture, Roddy received a Master's of Architecture from UCLA in 1997. His work has been exhibited locally, nationally and internationally including venues in Romania, New York, Los Angeles and Scottsdale. Roddy's work has been seen in several regional and national publications, from Desert Living to Architectural Record, and his projects have been honored with numerous design awards. In addition to his award winning commercial projects, Roddy received the AIA Merit Award for the Desert Living Home of the Year Award for the expansion and renovation of his home, located in the Phoenix Coronado Historic District. With over 16 years in the architectural field, Roddy's expertise produces civic/municipal spaces that respond to the surrounding community and its culture while his office/workplace designs are efficient without sacrificing environmental responsiveness. Mark Roddy believes architecture should be expressive and environmentally responsible, but above all, it should seek and find a balance between beauty and function.

## **MARK KRANZ, AIA, LEED AP, SmithGroup.**

**Mark Kranz**, AIA, LEED AP, is a design principal and the lead designer for the Phoenix office of SmithGroup's Higher Education and Science and Technology studios. A native of South Dakota, Kranz completed his undergraduate work at the University of Nebraska-Lincoln and received a Master of Architecture from Arizona State University in 2001. His sustainable design for the U.S. Department of Agriculture's Arid-Land Agricultural Research Center has been recognized in several national and international publications from Sources + Design to OFARCH, and his projects have been honored with numerous design awards. With over a decade of experience in the architectural field, Kranz works regionally within the desert Southwest with institutions of higher education, designing research and instructional facilities that elegantly reflect their specific campus contexts and unique programmatic function. His approach to design integrates the potentials of site, context and climate to create an authentic identity for each client.

# THE “GREEN” ROOM



## CSI to debut GreenFormat™ at Greenbuild International Conference and Expo

CSI will introduce GreenFormat™ (<http://www.greenformat.com>) at the U.S. Green Building Council's Greenbuild Conference and Expo, Nov. 18-20, Boston. Demonstrations of the format will be conducted throughout the event in booth #352.

CSI will also offer an education session, "CSI GreenFormat: Review of the Construction Product Sustainability Reporting Guide Release Version." The session is open to all conference attendees on a first-come, first-serve basis and will take place Wednesday, Nov. 19 at noon.

CSI and the Metropolitan New York Chapter will also hold a post-conference education session, 2-6pm, Friday, Nov. 21. "Incorporating LEED into Project Specifications" is for construction specifiers, designers and other team members who need to know how to integrate LEED requirements into specifications. The session will include directions for using GreenFormat in specifications.

"We are excited to release GreenFormat and will be offering educational sessions and demonstrations at our booth throughout Greenbuild," said CSI Executive Director and CEO Walter Marlowe. "We have completed an extensive testing process with manufacturers and have received many positive comments on the new format. Those in the construction industry that rely on CSI formats and practice guidelines will find GreenFormat reliable and easy to use, and a real benefit for bringing organization to the information overload that exists today."

Developed in collaboration with CSI member specifiers, product manufacturers, BuildingGreen, Inc. and the Charles Pankow Foundation, GreenFormat is a new web-based CSI format that provides a standardized framework for identifying the sustainable properties of building products. Designers, constructors and building managers will be able to use GreenFormat to find basic information about products to help meet 'green' requirements.

Product listings in GreenFormat are organized by MasterFormat divisions in a spec-friendly layout. The format's categories focus on topics that are important to design and product selection decisions. To enter products into the database, building product manufacturers complete an online questionnaire that collects sustainable information about their products. Data from the completed questionnaires is then displayed in a standardized manner to ease sustainable design decision-making.

More than 100 manufacturers already participate in GreenFormat. CSI is offering manufacturers a FREE account and product listing on GreenFormat if they sign up by Jan. 1, 2009. For more information about signing up, contact Sarah Meyers at [simeyers@csinet.org](mailto:simeyers@csinet.org). To find out more about GreenFormat, visit CSI in booth #352 at Greenbuild, or visit <http://www.greenformat.com>.

# NATIONAL CSI NEWS



## CSI Construction Education Network Now Recognized in Ohio

*Ohio State Architect Board Approves CEN as an Entity*

The Ohio State Architect Board now recognizes the Construction Specification Institutes (CSI) Construction Education Network (CEN) as an approved entity for construction professionals pursuing continuing education credits.

CSI CEN is a network of registered education providers offering programs to professionals in construction-related industries. It is the only continuing education program that connects the entire built community—from architects, engineers and contractors to manufacturers, facility managers and developers. No other program is as comprehensive in its scope.

There are many benefits associated with CEN for learners, including:

- A user-friendly directory of available programs searchable by topic, occupation, and provider
- Access to transcripts and completion certificates in real-time at no cost
- The ability to manage your training information online

For more information on CSI CEN, or to enroll in the program, visit CEN at <http://www.education.csinet.org>.

## Join the UDS Program Task Team!

The UDS Program Task Team seeks participants who are interested in helping CSI meet challenges and fulfill opportunities facing the National CAD Standard/Uniform Drawing System. Contact CSI Technical Program Coordinator Sarah Meyers at [sjmeyers@csinet.org](mailto:sjmeyers@csinet.org) or Technical Committee Liaison Nina Giglio, CSI, CCS, at [nmgiglio@buildinginformationgroup.com](mailto:nmgiglio@buildinginformationgroup.com) to get involved.

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## CSiWiki: Resilient Flooring

The CSiWiki entry for Resilient Flooring has been edited. All construction professionals are invited to create and edit entries at <http://wiki.csinet.org>.

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## Webinar: LEED Development & Implementation Strategies

November 6, 2-3:30 p.m. ET

This webinar will present a process to develop and implement a successful LEED certification strategy. Examples from different LEED Rating Systems will be illustrated to reinforce how important an integrated design and construction team is to incorporating early integrated planning of sustainable site and high performance building elements into the Owner's Project Requirements (OPR) and Basis of Design (BOD) documents. The speaker will illustrate the elements of a LEED Feasibility Assessment, including whole building energy modeling, LEED credit probability analysis, and cost benefit analysis using life cycle costing (LCC). Last, a list of the top ten LEED Implementation issues will be discussed in detail to better plan for an effective LEED certification strategy. Learn more or register now by visiting [http://www.csinet.org/s\\_csi/sec.asp?TRACKID=&CID=1330&DID=11039](http://www.csinet.org/s_csi/sec.asp?TRACKID=&CID=1330&DID=11039).

## CURMUDGEON'S CORNER

### SUSTAINABLE DESIGN - IS IT?

by Sheldon Wolfe, RA, FCSI, CCS, CCCA

*sustainable: able to be sustained; the capacity to maintain a certain process or state indefinitely*

**sustainable:  
able to be  
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English is the richest of the world's languages. Most sources put the number of words well over 900,000; the Global Language Monitor estimates we will see our millionth word in April 2009. How does that compare to other languages? Chinese is a distant second, at half a million words, followed by Spanish and Japanese at about a quarter million words each.

English not only has a word for everything, it has an impressive range of words with subtle differences for most subjects. Unfortunately, we are able to use only a fraction of that number; the average American has a working vocabulary of about 14,000 words. (It has been estimated that Shakespeare's vocabulary was about 24,000 words, but he helped himself along, having invented over 1,500 new words himself.) Of the words we do know, not all are at our immediate disposal. It's far easier to come up with a more suitable word when we have time to think, but in casual conversation, we too frequently grab the first word that comes to mind, thereby missing an opportunity to be more precise in what we say.

For example, when listening to talk radio, it seems everyone *completely* agrees with whatever the other person says; the most common expression of agreement seems to be "exactly!" That word expresses the idea that there is no difference of opinion, that both caller and host have precisely the same opinion. Yet as the conversation continues, it is quite evident that those

involved in the discussion have significantly different views. They say they are in complete agreement, but they aren't.

It's one thing to be inaccurate in casual conversation, but there is no excuse for incorrect use of words when they are the result of supposedly thoughtful planning. With so many opportunities to be precise, why is it necessary to co-opt a word and give it a false meaning? To some extent, it may be because we have become accustomed to misuse of words. In advertising, "new" and "improved" often are misleading, and in politics, we accept outright lies, such as "balanced budget" and "budget surplus". Still, we should expect more from those claiming scientific basis for their assertions. Unfortunately, the latest energy crisis - another abused term - has led to one more poor choice of words. Because, by definition, sustainable design - isn't.

Ultimately, our culture is not sustainable, and any form of design or culture that relies on fossil fuels cannot be sustainable, as there is a finite amount of oil in the ground. We can come up with clever ways to extract oil from deeper or more remote wells, or to extract it from shale or other once ignored sources, but in the end the oil will run out, and unless it can be replaced, sustainability is a myth. Other terms, such as eco-design, green design, or design for the environment, were already in use, so why not use them instead of settling on sustainable design? I know what you're thinking; "What's the big deal? It's only a word." When we misuse words, we make it more difficult to discuss the issues. "At Gary's Grocery, we have sustainable salmon," "Mazda Shows 'Sustainable' SUV," "Top Five Sexiest Sustainable Sports Cars," and

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# CURMUDGEON'S CORNER

## SUSTAINABLE DESIGN – IS IT?

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similar expressions reveal a simple-minded view of a complex issue.

Not only is "sustainable design" not sustainable, but the meaning of the term is being changed to formally incorporate non-sustainable principles as part of the definition. The US General Services Administration (GSA), in a move reminiscent of Orwell's "doublethink", is promoting its own definition.

Sustainable design seeks to reduce negative impacts on the environment, *and the health and comfort of building occupants*, thereby improving building performance. The basic objectives of sustainability are to reduce consumption of non-renewable resources, minimize waste, *and create healthy, productive environments*. [Authors italics.]

Both heating and air conditioning make it possible for us to live and work in areas that would otherwise be uninhabitable, at the same time requiring vast amounts of energy. Air conditioning is especially insidious, as it increases the outdoor temperature that we try to escape, and the hotter it gets, the more cooling we need.

The introduction of inexpensive air conditioning had an enormous impact on life in the US - and on energy consumption and the environment.

Although modern air conditioning equipment appeared before World War II, it didn't catch on until after the war. Sales of window units increased from 75,000 in 1948 to over a million five years later;

today, ninety percent of new homes and eighty percent of new cars have air conditioning.

We've seen the numbers that show how much the US consumes; with something like five percent of the population, we use about twenty-five percent of the world's electricity. According to *Energy Bulletin*, one-third of that goes to air conditioning. Certainly, as we increase insulation and efficiencies, we can reduce the impact of air conditioning, but its use will continue to rise. The American market is close to saturation, but it will be overshadowed by the likely rise in air conditioning in China and other developing countries.

Don't get me wrong; we can - we must - be more responsible in how we use energy and other resources. But, to paraphrase the title of the popular movie, the truth is inconvenient. Sustainability has nothing to do with creature comfort. In fact, our insistence on being comfortable is a prime contributor to the problems we now face. Buildings that are comfortable do make their occupants happy and increase productivity, but how does that help conserve materials and energy? The closest thing to sustainable design is a grass hut on a tropical island; the more comfortable we make it, and the farther we get from that island, the less sustainable it becomes.

Green design is necessary, but calling it something it's not will do more harm than good.

# The Reference Library

The Reference Library conducts regular weekly breakfast and lunch meetings offering a wide range of information on various products and companies in the industry. Breakfast and lunch is provided and there is no charge for the seminars. Check out their website at <http://www.thereferencelibrary.com/main.htm> for more information. The Reference Library is located in Phoenix, Mesa, and Scottsdale.

**Phoenix November Lunch Schedule: (Location: 99 E. Virginia Ave., Suite 140, [½ block east of Central] Phoenix, AZ 85004)**

November 5: Hager/Amsler & Associates, Kevin Amsler/Gordon Kerley, will present an overview of architectural door hardware, proper sequencing, and basic codes as relates to each component discussed. The learning objective is to become familiar with nomenclature, as well as the “parts & pieces” that become an opening; know the correct sequence for specifying door hardware; and understanding of basic code compliance with regard to door hardware.

November 12: Protecto Wrap, William Korber, will present “Building Envelope Design With Energy Saving Products”. The program will include a discussion of total system design, combining building wraps, flashings, roofing underlayments, sealants and self-weeping sill systems. This comprehensive total system approach are not only more energy efficient but also especially resistive to mold by allowing the envelope to breathe yet remain waterproof. These systems are also conducive to today’s increasing need for design flexibility.

November 19: Won-Door, Tom Nordquist, will discuss “Horizontal Sliding Accordion Fire Doors in a Means of Egress”. With unlimited widths and heights up to 28’, see how design professionals around the world have utilized horizontal sliding doors to help with various design alternatives. Typical applications include: area separation, atrium separation, elevator lobby separation, vertical opening protectives, to name a few. Accordion fire doors blend open design and fire safety while meeting critical fire code requirements. Topics will cover applications for UL listed 20, 60, 90, 180 minute accordion style horizontal sliding fire doors with illustrations of complying doors as well as IBC 2006 and NFPA 101 Life Safety Code requirements.

November 26: Happy Thanksgiving!!

**Mesa November Breakfast Schedule: (Location: Marie Callender’s, 865 S. Dobson, Mesa, AZ)**

November 13: Laticrete, Frank Miranda, will discuss the design and specification issues to be considered when designing areas that will be subject to water exposure. The program will highlight the options for: surface preparation, waterproofing, setting materials, and grouts. The course will review and emphasize the detailing necessary to obtain successful installations of tile and stone in wet areas, while comparing cost and labor impacts for the various systems presented.

November 27: Happy Thanksgiving!!

**Scottsdale November Lunch Schedule: (Location: Fox Sports Grille, 16203 N. Scottsdale Rd., Scottsdale, AZ 85254)**

November 6: Glass Flooring, JW + Associates, Judy Wilson. Steve Weddle from Glass Walk will deliver an AIA credit course to help us better understand the designing of glass into walkways and stair treads, including support methods and installation, safety and modesty, slip resistance and how glass under foot helps you achieve a LEED certification.

**The Reference Library Contact Information:**

**Phone: 602-258-7499**

**Fax: 602-297-6613**

**Jill Anderson ([jill@thereferencelibrary.com](mailto:jill@thereferencelibrary.com))**

**Louise Rehse ([louise@thereferencelibrary.com](mailto:louise@thereferencelibrary.com))**

# Board Minutes—October, 2008

## MEETING MINUTES - Board of Directors

### GENERAL

DATE: October 15, 2008  
 TIME: 4:00 PM  
 LOCATION: The Reference library, Phoenix

**ATTENDANCE** (P = Present; A = Absent)

### OFFICERS AND DIRECTORS

President	Ken Martinek	P
President Elect	Jay Norton	A
1st Vice President	Andrea Grum	A
2nd Vice President	Steve Smith	P
Secretary	Mark Yarish	P
Treasurer	Teri Hand	P
Director P 08-10	Brian McClure	A
Director I 08-10	Don Stone	P
Director P 07-09	Jorge Pierson	A
Director I 05-07	Bob Trimble	A
Past President	Ron Geren	P

### COMMITTEE CHAIRPERSONS

Programs	Joe Volinsky	A
Membership	Alan Minker	A
Publications	Alex Devereux	A
Education	Joe Volinsky	A
Certification	Neil Davison	A
Technical	Tim Garver	A
Awards	Carlos Murrieta	A
Academic Liaison	Ron Geren	P
Kenn Lockhart Fund	Neil Davison	A
Fundraising	David Spice	A
Imagination Cube	Tim Garver	A

### PROCEEDINGS

**Meeting Opening:** 4:15 PM by Ken Martinek

**Adopt Agenda:** Motion to accept agenda by Teri, second by Ron. Motion carried.

**Minutes of Previous Meeting:** Motion to accept September minutes by Ron, second by Don. Motion carried.

**Treasurer's Report:**

Teri reported finances are in good shape and a \$15K CD previously  
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# Board Minutes—October, 2008

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	approved was purchased.
<b>Programs/Education/ Academic Liaisons:</b>	Joe Volinsky/Ken Martinek November's dinner meeting will feature Mark Roddy and Mark Crance.
<b>Certification:</b>	Ron reported that future exams will be computer based. Chapters will focus on promotion and education. Next prep class series will be in the spring.
<b>Fundraising:</b>	David Spice (No Report)
<b>Membership:</b>	Alan Minker Membership is currently at 192 members.
<b>Technical:</b>	Tim Garver The committee met 10/14 to further discuss its Roof Design Resource for Energy and Environmentally Efficient Roofs in Arizona. When finished, it will be posted on our web site.
<b>I-Cube:</b>	Tim Garver Jess Allen Glowacki (DWL Architects) won the 2008 I-Cube. An article will be published on our web site next month.
<b>Awards:</b>	Carlos Murrieta/Ron Geren Ron reported that the committee chairs need to complete awards application forms. January 15 is deadline. Ron will contact Carlos and Jay to assist with awards application package.
<b>Publications:</b>	Alex Devereux (no report)
<b>Kenn Lockhart Foundation:</b>	Two separate scholarships will be established. A \$1,000 scholarship will be offered to students in the 4+ yr. program and a \$500 scholarship will be offered to those in the two year program. It is intended that these will be available for the Fall '09 academic year. Applications forms will be created and distributed and will be due in February. ASU will be first target school with NAU and U of A possible in the future. Neal Jones and Gary Campbell have volunteered to assist on the review team.
<b>Old Business:</b>	No old business was discussed.
<b>New Business:</b>	
<b><u>NEXT BOARD MEETING</u></b>	
Thursday, November 13 at 4:00 P.M. at The Reference Library	

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# Board Minutes—October, 2008

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## NEXT MEMBER MEETING

Thursday, October 16 at 11:30 A.M. at The Radisson

## Adjournment

### **Certification of Minutes**

I certify that the Minutes presented here are a true and accurate representation of the proceedings to the best of my knowledge, information, and belief.

Respectfully presented

Mark V. Yarish, Secretary

END OF MINUTES

## Solution to October's Puzzle

**Construction Documents**

CONSTRUCTION DOCUMENTS ARE USED FOR LAYOUT, CLARIFICATION, DIRECTION,  
 ZEFXPBNZPHEF UEZLNWMPFX SBM NXMU OEB ISAENP ZISBHOHZSPHEF UHBMZPHEF  
 CHECKLISTS, COMPLIANCE INSPECTIONS, COMMUNICATIONS AND VERIFICATION  
 ZVMZRIHXPX ZEWGIHSFZM HFXGMZPHEFX ZEWWNFHZSPHEFX SFU TMBHOHZSPHEF  
 IN EVERY STAGE OF THE CONSTRUCTION PROCESS.  
 HF MTMBA XPSCM EO PVM ZEFXPBNZPHEF GBEZMXX

Y	R	G	X	O	N	P	I	L	Z	W	Q	E	U	F	T	J	K	A	V	D	H	M	S	B	C
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z



## PHOENIX CHAPTER MEETINGS 2008/2009

**RSVP and Info: 602 258 7499**

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

**August 14 2008 (Thursday) Lunch**

Architecture, the Expression of the Materials  
and Methods of Our Time

**September 10 2008 (Wednesday) Dinner**

BIM for Building Envelope Design and Performance

**October 16 2008 (Thursday) Lunch**

Masonry Materials and Methods

**November 13 2008 (Thursday) Dinner**

Fenestration Materials and Methods

**December 11 2008 (Thursday ) Dinner**

Holiday Experience

**January 8 2009 (Thursday) Lunch**

Acoustics Materials and Methods

**February 12 2009 (Thursday) Dinner**

Future Cities Award Presentation

3 - D Animation, Architectural Visualization Materials  
and Methods

**March 12 2009 (Thursday) Lunch**

CSI Experience

Indoor Air Quality Materials and Methods

**April 9 2009 (Thursday) Dinner**

Imagination Cube

Interior Architecture Materials and Methods

**May 14 2009 (Thursday) Lunch**

Total Building Commissioning Materials and Methods

**June 11 2009 (Thursday) Dinner**

Award Experience

Plan ahead for  
your next  
Phoenix  
Chapter  
Meeting!



Knowledge for Creating  
and Sustaining  
the Built Environment

## DIRECTORY 2008-2009

### Phoenix Chapter

### Construction Specifications Institute

#### OFFICERS AND DIRECTORS:

President	Ken Martinek	602-437-2514	Cell:	<a href="mailto:kmartinek@arcadiainc.com">kmartinek@arcadiainc.com</a>
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2 <sup>nd</sup> Vice Pres	Steve Smith			
Secretary	Mark Yarish	602-257-1764	Cell:	<a href="mailto:yarish.m@owp.com">yarish.m@owp.com</a>
Treasurer	Teri Hand	N/A	Cell: 602-418-1268	<a href="mailto:thand@tnemec.com">thand@tnemec.com</a>
Director 06-08(Ind)	Tim Garver	480-736-7126	Cell: 602-714-7280	<a href="mailto:tggarver@dunn-edwards.net">tggarver@dunn-edwards.net</a>
Director 06-08(Prof)	Steve Smith	602-285-1720	Cell: 602-758-8342	<a href="mailto:rubbetail@msn.com">rubbetail@msn.com</a>
Director 07-09	Jorge Pierson	480-941-1440	Cell:	<a href="mailto:jpierson@kdra.com">jpierson@kdra.com</a>
Director 07-09	Bob Trimble	480-982-9087	Cell:	<a href="mailto:rgtrimble@armstrong.com">rgtrimble@armstrong.com</a>
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#### COMMITTEE CHAIRS:

Academic Affairs	Ron Geren	602-569-9645	Cell: 602-791-7016	<a href="mailto:ron@specsandcodes.com">ron@specsandcodes.com</a>
Awards	Carlos Murrieta	480-991-0800	Cell: 480-544-8000	<a href="mailto:cmurrieta@sspwarearchitects.com">cmurrieta@sspwarearchitects.com</a>
Certification	Neil Davison	602-906-9605	Cell: 602-999-1095	<a href="mailto:davisonassociate@cox.net">davisonassociate@cox.net</a>
Education	Joe Volinsky	623-516-8186	Cell: 480-580-1127	<a href="mailto:fbiaz1@msn.com">fbiaz1@msn.com</a>
Fundraising	David Spice	480-894-9858	Cell: 480-213-4534	<a href="mailto:dspice@dasproducts.com">dspice@dasproducts.com</a>
Membership	Alan Minker	602-504-2918	Cell: 602-432-5267	<a href="mailto:aminker@gaf.com">aminker@gaf.com</a>
Programs Planning	Angie France	623-606-1130	Cell:	<a href="mailto:angie.france@sherwin.com">angie.france@sherwin.com</a>
Publications	Alex Devereux	602-437-7554	Cell:	<a href="mailto:adevereux@itt-tech.edu">adevereux@itt-tech.edu</a>
Technical	Tim Garver	480-736-7126	Cell: 602-714-7280	<a href="mailto:tggarver@dunn-edwards.net">tggarver@dunn-edwards.net</a>
Kenn Lockhart Fund	Neil Davison	602-906-9605	Cell: 602-999-1095	<a href="mailto:davisonassociate@cox.net">davisonassociate@cox.net</a>

HAVE A LITTLE FUN!!

***Which one is different?***



1



2



3

Special Thanks to Tishiane Perto

Answers in December Newsletter

**Looking ahead to next year:**  
**2009 CSI Phoenix Chapter Imagination Cube Design Competition**

**Do you have an exciting product worthy of a design competition?** The CSI Phoenix Chapter Imagination Cube Design Competition Committee is seeking a Featured Product Sponsor for the **2009 CSI Phoenix Chapter Imagination Cube Design Competition**. If interested, please contact I-Cube Chairman, Tim Garver at 602-714-7280 or [tim.garver@dunnedwards.com](mailto:tim.garver@dunnedwards.com).

**CSI CERTIFICATION NEWS!!**

CSI's Certification Program is gearing up for the next round of exams in Spring 2009. Here's the latest news:

**Registration is now open for spring CDT & advanced certification exams:**

Register now to take the CDT, or an advanced certification exam (CCS, CCCA, CCPR)! The spring testing window for all exams is March 30—April 4, 2009. The early registration deadline is January 31, 2009, and the final registration deadline is February 28. Register now.

**Advanced exams now computer-based:** In March 2009 the CDT and advanced certification exams will be offered at Prometric's approximately 400 computer-based test centers throughout North America. Candidates register for exams through CSI. Candidates will receive their scores within minutes of completing an exam.

For more information, go to <http://www.csinet.org/certification>.

## Classified Ads

Relocating CSI Honolulu Chapter Member  
Seeking Phoenix Area Employment!

Fellow CSI member moving to Phoenix area early 2009, seeking employment as product sales rep/other. Currently employed by Shaw Industries (commercial carpet) 20+ years in the sales industry and CSI. Resume available upon request. Contact Susan Choi, CSI, CDT, MAI 808.383.9983  
email: [susanchoi01@gmail.com](mailto:susanchoi01@gmail.com)

**Interested in advertising in  
the Cactus Comments?**

**Please contact Alex Devereux  
at [adevereux@itt-tech.edu](mailto:adevereux@itt-tech.edu)  
for rates.**

# I-CUBE WINNERS

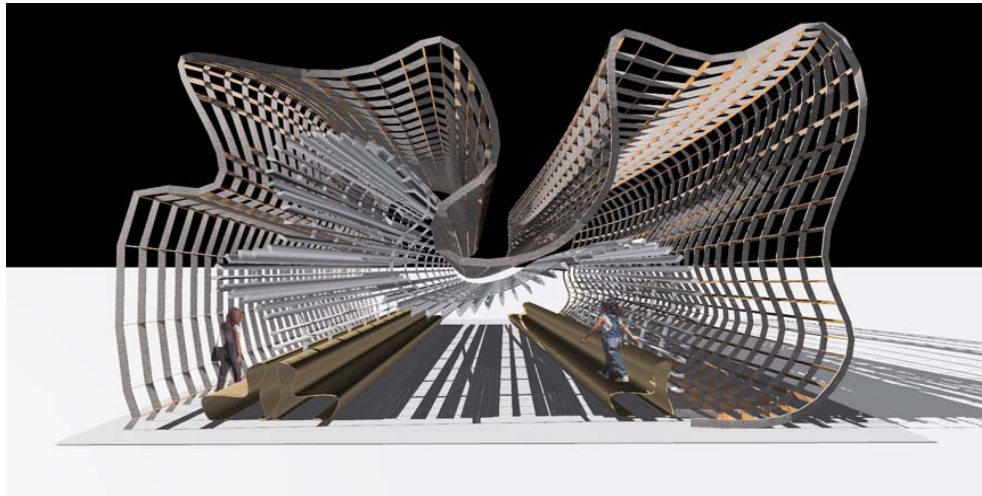
## Jess Allen Glowacki Wins 2008 Imagination Cube Design Competition

This award recognized Jess Allen Glowacki's imaginative investigation and creative design that explored the potential of a variety of building products.

Below is a description and image of his design, and a recap of the event.

Designing a Shade Pavilion which portrays spectacular daylighting in any orientation on all days of the year regardless of location inspired the Biomorphic Free Form Structure. By changing the time of day and rotating the shade pavilion on axis for one day of the year created surreal shadow patterns as portrayed in the following daylight renderings.

The structure of the exterior shell is a web of interlocking Fibre-C and Prodema Prodex composite panels. The panels are cut in increments and constructed in a woven pattern that creates structural stability in the biomorphic shape. The organic shaped inner shell is assembled using Aerobrise louvers to create the scale of habitable space within the pavilion. The urban Fibre-C furniture forms an ergonomic space for pedestrian rest and leisure. Underneath the urban furniture is an array of Spiona recessed lights to complement the appearance of daylight shadows with the nighttime environment.



### Imagination Cube 08 - "Shade Pavilion" A Competition Featuring

Hunter Douglas Contract  
Lamcel  
Prodema  
Rieder Fibre C

*(Continued on page 17)*

# I-CUBE WINNERS (CONT'D)



Hunter Douglas

Lamcel

Rieder Fibre C

Prodema

## Sponsored by:

Lanton Associates / Phoenix Chapter Construction Specifications Institute / Arizona AIA

Co-Sponsors: DAS Products / Arcadia / Aristone Designs / Dunn-Edwards Paints / Wilsonart, International

## The Building Products:

Representing the featured materials manufacturers was Lanton Associates. Products featured this year were solar control, ceiling panels and wall panels from the following:

Hunter Douglas Contract  
[www.hunterdouglascontract.com/solarcontrol](http://www.hunterdouglascontract.com/solarcontrol)  
 Aerobrise Sun Louver / Exterior Screen  
 C23/C40 Sun Louver / Exterior Screen  
 Celoscreen Sun Louver / Exterior Screen  
 Softwave Mini & Softwave V Exterior Screen  
 Softwave 25 & 50  
[www.hunterdouglascontract.com/ceilings](http://www.hunterdouglascontract.com/ceilings)  
 Aerobrise Ceilings

Lamcel  
[www.lamcel.com](http://www.lamcel.com)

Prodema  
[www.prodema.com](http://www.prodema.com)

Rieder Fibre C  
[www.rieder.cc](http://www.rieder.cc)

# I-CUBE WINNERS (CONT'D)

Additional information on these materials and their applications can be found on the web and at Lanton Associates Showroom:

521 48th Street, Suite 103  
Tempe Arizona 85281  
480.303.9182  
[www.lantonassociates.com](http://www.lantonassociates.com)

## The Competition

The competition welcomed any imaginative, design-related exploration appropriate to this material: functional, technical, spatial or artistic featuring a “Shade Pavilion”. The design was required to fit within the cubic dimension of 48' x 48' x 48' and must use the panel systems suggested as the primary component(s). Emphasis should be placed on demonstrating the experiential and phenomenological qualities of “shade”. Specifications were required.

## Jury

John Kane, FAIA, Architekton  
Darren Petrucci, Director of the School of Architecture, Arizona State University  
Tony Evans, Lanton Associates

## Prize

In addition to the trophy award and certificate, Jess received a 3-night trip for two to Montreal, Canada with hotel and airfare included along with a travel stipend.