

# RES Retired Engineers & Scientists of Cincinnati

Luncheon Meeting - Tuesday, April 21, 2009 @ 11:30 am  
Evergreen Retirement Community  
230 West Galbraith Road, Cincinnati, Ohio 45215 (Hartwell)  
[www.resc.org](http://www.resc.org)

## Great American Tower at Queen City Square “Cincinnati’s Tallest”

Ohio P.E. CPD Credit



Lee LeBoeuf, AIA, Project Architect with Hellmuth, Obata + Kassabaum (HOK), Lawrence Niemiec, Senior Project Executive with Eagle Realty Group, and Heather Simpson Archibale, Construction Project Manager with Eagle Realty Group will discuss the new tallest and most environmentally sensitive office building in the Cincinnati Business District. The 41-stories of the Great American Tower, named after its lead tenant, Great American Insurance Company, contains 800,000 SF of office space and 25,000 SF of retail space.



The dramatic design of the Great American Tower topped by the spectacular tiara will create a defining image for the City of Cincinnati skyline. The building features an inviting entry plaza and grand rotunda at Fourth and Sycamore Streets. The spacious promenade and retail arcade leads to the office tower lobby.

Queen City Square integrates the building and parking garage of Phase I of the Queen City Square, known as 303 Broadway, a 17-story, 188,500 SF office tower completed in 2006. In total the Queen City Square project will provide nearly one million square feet of office space and over 2000 parking spaces.

A project of this magnitude presents a number of design and construction challenges. The project team will discuss design, construction, building systems, economic impacts, and sustainable efforts (LEED) for the Great American Tower at Queen City Square, currently under construction.

### May 19 Program



### Two Brothers and a Business Empire that Transformed the Nation



Presented by Rusty McClure, co-author of the book, “Crosley”. Mr. McClure is the grandson of Lewis Crosley and grandnephew of Powell Crosley.

Powell and Lewis Crosley, built a radio business that helped spawn an entire national industry. Powell was the inventor, Lewis the businessman; together they made fortunes early in the 20th century selling auto parts and manufacturing radios. In the 1920s, the Crosleys started a small radio station, WLW, in Cincinnati -- and that's when the story turns fascinating.

**RES WELCOMES NEW MEMBER “Mike Stringas”**

## **ANOTHER WINNER - ASCENT AT THE ROEBLING'S BRIDGE TOUR**



RESC toured the Ascent at the Roebling's Bridge™. Daniel Libeskind is the architect and Corporex is the developer. The blue and white, concrete and glass building that steps toward the sky, was constructed on the site where the Coach and Four Restaurant stood at the foot of the Roebling Bridge. It is 14 stories at the west end where we toured a two floor condo (about 4 mil) complete and waiting for the new owner to choose kitchen cabinet hardware, optional elevator, etc. The condo in the 22 story east end was a spacious three floor shell with elevator, waiting for the new owner to make choices. The views of Cincinnati and Kentucky are spectacular. The view wraps almost 360 degrees

from the penthouse, which boasts 7800 square feet, and costs about 5 mil. The one bedroom condo is 950 square feet, going for about \$800k.

There is state-of-the-art automatic monitoring. Without a flat roof, the HVAC is off-site with each condo having one or two heat pumps, as needed. The steam plant and an emergency generator with auto transfer are in the basement with the parking garage. The building is 310,000 square feet, with two elevator cores for the 70 condominiums. Look closely to see the southeast corner curving and cantilevering slightly (10" per floor) around the ground floor entrance and pool plaza. You must visit [www.resc.org](http://www.resc.org) and click on Tour Archives to see Lee Hite's great photographs. Also, visit the "Ascent at Roebling's Bridge". A picture is worth a thousand words. Thanks to John Gilman for another fine tour.

## **LIGHTNING TALKS PROGRAM IS OUTSTANDING AND FRIGHTENING**

Lee Hite's narrative, photographs, and demonstrations in his presentation on "Lightning" kept us all glued to our seats. We learned nowhere outdoors is safe from the danger. Most of us know that standing under a tree is dangerous, but few knew that 60 feet or more from the tree is lethal due to the energy from the strike distributing over the surface of the ground. Any metal on your person should be removed (i.e., necklaces, watchbands, bracelets, etc., even a metal under bra), since any jewelry formed in a closed loop acts as a magnetic antenna for the magnetic pulse from a lightning strike as-far-as 50 feet away. This will cause the metal to become red hot and burn deep into the skin.

Golfers, boaters, outdoor sports and family gatherings are especially at risk. Ask the coach, referee, umpire, administrators, parents, sponsor, about the safety plan for lightning for the outdoor event. We learned even indoors you must stay off of corded phones, all electric devices, away from all metal, windows, second story bathrooms, etc.

'Tis the season for - LIGHTNING! For the well-being of your families and friends and yourselves, visit [www.LightningTalks.com](http://www.LightningTalks.com), Lee's web site "for the rest of the story". It includes a real time lightning storm map as well as a lightning safety plan.

It was frightening to everyone attending, because we suddenly realized the dangers we had unknowingly faced in our lifetime. Great work, Lee!

19 Ohio P.E. CPD Certificates were issued

**IN MEMORIUM - Richard Soike**

## TOUR OF THE AIR FORCE MUSEUM

Tour Director, John Gilman, reports he is working on the Dayton Air Force Museum for the next RESC tour but did not have a firm date at this time.

## NOMINATIONS FOR 2009 – 2010 OFFICERS

The RESC Control Board recommends and nominates Lee Hite for Vice President and Zan Smith for Treasurer for the upcoming 2009-2010 season. Lee is our Web Master while Zan has been serving as Interim Treasurer since December. Members will have the opportunity to make nominations from the floor at the April 21 Luncheon Meeting. Members attending the May 19 Luncheon Meeting will vote on the nominees.

## FAMOUS SCIENTIFIC QUOTES

"The only reason for time is so that everything doesn't happen at once. (Albert Einstein)"

**and "NOT SO FAMOUS" SCIENTIFIC QUOTES** *Said what . . . ?*

Some things need to be believed to be seen. (Guy Kawasaki)"

**Please make sure ALL lunch reservations are made Prior to Friday, April 17**

Mail Label

**Zan Smith**  
**PO Box 30346**  
**Cincinnati, OH 45230**

Ohio P.E.'s unable to attend the 11:30 am Luncheon may obtain a CPD credit certificate by registering with Bob Haas, (859 331-2579), by 10:00 am on Monday, April 20, and then attending the 1:00 pm Program.

<b>RESC Dues &amp; Luncheon Reservation Form</b>				<b>MENU</b>		
Make check payable to "RESC" and Mail six days in advance to Treasurer: <b>ALL reservations must be made prior to Friday, April 17</b>				<b>Great American</b> <b>Meat Loaf</b> <b>Mashed Potatoes</b> <b>Green Beans</b> <b>Cole Slaw</b> <b>Rolls &amp; Butter</b> <b>Pudding Dessert</b> <b>Beverages</b>		
<b>Date of luncheon</b>		April 21, 2009				
<b>LUNCH</b>	<b>Member name</b>		<b>\$13.00</b>			
	<b>Prospective Member</b>		<b>*\$13.00</b>			
	<b>Guest Name</b>		<b>\$13.00</b>			
	<b>Ohio P.E. Name**</b>		<b>\$13.00</b>			
<b>DUES ANNUAL</b>	<b>Membership</b>		<b>\$15.00</b>			
	<b>Golf</b>		<b>\$ 5.00</b>			
*No charge when attending the first meeting and sponsored by a member			<b>TOTAL</b>			
<b>Ohio P.E. Registration Number</b>		<b>CPD Certificate (Y/N)</b>				
**Continuing education certificate included with the \$13.00 lunch cost.						
<b>E-mail address</b>						
<b>Phone</b>						
<b>TREASURER</b> <b>Zan Smith</b> <b>PO Box 30346</b> <b>Cincinnati, OH 45230</b>  <b>Ph: 513-520-4338</b>						

**GREEN ENERGY OHIO OFFERS RENEWABLE ENERGY WORKSHOP**

The Southwest Ohio Region of Green Energy Ohio (GEO) will be offering a Renewable Energy Workshop at Cincinnati State on Saturday April 25, 2009. The cost is \$25.00 per person and includes lunch plus morning and afternoon refreshments breaks. This workshop will include three tracts. The first will be on wind energy and green jobs. The second will be on the other renewable energy sources. It will also cover all the current state and federal incentives covering renewable energy. The third will be presented by the Ohio Interfaith Power and Light and will be for churches primarily.

For additional information please go to [www.greenenergyohio.org](http://www.greenenergyohio.org) for information about Green Energy Ohio. Please go to [www.ohio.org](http://www.ohio.org) for information about Ohio Interfaith Power and Light. If you have additional questions please call Jack Clock at 513-353-3559 Home, at 513-293-3241 Cell or email [Jack.Clock@GreenEnergyOhio.org](mailto:Jack.Clock@GreenEnergyOhio.org). This event is under consideration for Ohio P.E.CPD credit.

**“NOT ALL ENGINEERS DRIVE TRAINS”, COLORING CONTEST**

The Ohio Society of Professional Engineers sponsors yearly a Second Grade Coloring Contest entitled “Not All Engineers Drive Trains!” where a Professional Engineer visits second grades at various schools and explains what the Engineering Profession is and what engineers do, and has the students color a poster employing these ideas.

The posters are submitted to OSPE Chapters and state for prizes such as a microscope, telescopes and other scientific items. This year the Cincinnati Chapter had two state winners from the mason Western Row Elementary School.

**RESC SUPPORTS NACKES REGIONAL SCIENCE FAIR**

190 students out of 225 registrants participated in the NACKES very successful science fair at NKU, March 21. Five of the sixty judges were from RESC. Judging is a rewarding experience for all that participated. Names of student winners were published in the Enquirer.

**RESC NEWSLETTER**  
**PO Box 30346**  
**Cincinnati, OH 45230**