



THE THERMOS

The St. Louis Chapter, ASHRAE Newsletter
http://www.ashrae-stl.org

VOLUME 23, NUMBER 6
March 2006

TOUR NIGHT

MARCH 20, 2006

Cost \$25.00

TOUR IS LIMITED TO 75 PEOPLE

SORRY NO WALK INS

5:00 – 5:45 PM Social Hour with Appetizers

6:00 – 6:20 PM Overview

6:20 – 7:30 PM Tour of Building

The building is ADA and elevators available

RESERVATIONS: Due to the limitation of 75 people you will need to fill out and mail in the form below along with your check for \$25.00, *no later than noon, Thursday, March 16, 2006*. There will be *no online or voicemail reservations this month*.

DIRECTIONS TO THE TOUR AT WU: Earth & Planetary Science Building is located on the Washington University Hilltop Campus at the west corner of Hoyt Drive and Forest Park Parkway. Forest Park Parkway is closed so people will need to turn onto Hoyt Drive from Forsyth Blvd. **Parking is located directly East of the Earth & Science Building.** WU security will not be ticketing the parking lot during the scheduled program hours.

Name: _____

Company: _____

Make check payable to: St. Louis Chapter ASHRAE

Mail to: P O Box 31368, St. Louis, MO 63131

MAKE A NOTE ON YOUR CALENDAR:
ASHRAE CRC-2006

WILL BE HELD ON **APRIL 27, 28, 29, 2006**
AT THE FRONTENAC HILTON ST LOUIS MO
HRATEC—04 28-06 FRONTENAC HILTON

TOUR: Washington University Earth & Planetary Science Building (LEED™ Certified).
Principal Mechanical Design Engineering Firm William Tao & Associates

SPEAKER: Richard Janis, President,
William Tao & Associates

Washington University's Earth & Planetary Science Building was the first Version 2.1 LEED™ Certified building in the St. Louis area. A tour of the building's LEED™ features will



follow a short presentation by Rich Janis. Mr. Janis will discuss the LEED™ process for the new 150,000 sq.ft. building, which includes research laboratories, faculty and graduate student offices, classrooms, department library, and departmental offices.

Set amid the thriving downtown region, Washington University benefits from the vast array of social, cultural, and recreational opportunities offered by the St. Louis area. Counted among the world's leaders in teaching and research, the university recently opened an impressive 151,180 square-foot Earth and Planetary Sciences (EPSc) Building that houses the research and investigative activities of the Department of Earth and Planetary Sciences.

As one of the few departments in the country that makes direct use of knowledge gained by exploring the solar system, the EPSc Building was designed with careful consideration of its impact on natural resources. Designed using a holistic approach, the building opened in the summer of 2004 and is LEED™ registered with the U.S. Green Building Council. Among other functions, this building houses a model replica of the MARS rover and serves as the rover command center.



**OUR CONGRATS TO ONE OF ASHRAE'S MEMBERS,
DARRELL CASE, ST. LOUIS CHAPTER OF MISSOURI SOCIETY
OF PROFESSIONAL ENGINEERS ANNOUNCES 2006 OUT-
STANDING ENGINEER IN PRIVATE PRACTICE.**



Darrell Case, P.E.
Owner and President
AEdifica Case
Engineering

Mr. Case, PE will receive the award at the St. Louis Chapter's Annual Awards Banquet to be held February 24, 2006, at the Belas Artes Multicultural Center at 1854 Russell Blvd in St. Louis, MO. Awards will be presented at 8:00 PM following a reception. Contact Donna VanDeusen for reservations by phone 314-554-2587 or email Dvandeusen@ameren.com by February 25, 2005.

Darrell Case, the 2006 Engineer of the year in Private Practice, is a mechanical engineer with 21 years of experience in mechanical and electrical system design for new construction and renovation of institutional and commercial projects. His experience includes but is not limited to hospital, educational, restaurants, churches, retail, sports complexes, chiller installations, VAV systems, raised floor computer facilities, DDC controls, fire protection, and plumbing. He received a Bachelor of Science - Mechanical Engineering from the University of Missouri - Rolla in 1982. Currently, he is the owner of AEdifica Case in St. Louis, the owner of AEdifica Consultants in Montreal, and an associate owner of AEdifica Architects in Montreal. Mr. Case is a registered engineer in 52 U.S. States and territories, is certified in plumbing engineering (CIPE) by ASPE, and is a LEED accredited professional by the USGBC.

Mr. Case is a member of several professional societies, including the National Society for Professional Engineers (NSPE), Missouri Society for Professional Engineers (MSPE), American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), American Society of Plumbing Engineers (ASPE), National Fire Protection Association (NFPA), the American Society of Hospital Engineers (ASHE), and the U.S. Green Building Committee (USGBC).

Mr. Case is also involved in the community. He is a volunteer committee member of Rockwood School District Facilities Committee representing Kellison Elementary school. He is very active in the Boy Scouts, including the following: Den Leader for Cub Scout Pack 708 for seven years, Den Leader Coach for Cub Scout Pack 708 for three years, Committee Member and Assistant Scoutmaster for Boy Scout Troop 708 for six years, Scoutmaster for Boy Scout Troop 708 for two years, Adult Leader Training Staff member for the Cub Scouts of America for the Greater St. Louis Area Council for four years, Chairman of the Fenton Community Corporate Giving for the Friends of Scouting fundraising campaign for the Greater St. Louis Area Council of the Boy Scouts of America for two years, Chairman of the Adifica Case Corporate Giving for the Friends of Scouting fundraising campaign for the Greater St. Louis Area Council of the Boy Scouts of America for four years, and a Scouting for Food campaign volunteer for eleven years.

Mr. Case has received several awards during his career. In 2001, he was the recipient of 2001 St. Louis Chapter ASHRAE Technology Award for Commercial Facilities - New, for outstanding achievement in the application of heating, refrigeration and air conditioning technology. Project was the creative design of a Shop-n-Save supermarket. He also received an ASHRAE Technology Award in 1998 for Commercial Facilities - Existing, for outstanding achievement in the application of heating, refrigeration and air conditioning technology. Project was the HVAC renovation of the Main Office of J. S. Alberici Construction Company. This project also received a second place award in the ASHRAE Region VI. Mr. Case was also awarded the Eagle Scout badge by the Boy Scouts of America in 1973.

Founded in 1937, the Missouri Society of Professional Engineers is the only organization in the state of Missouri representing all disciplines of engineering professionals. The society's primary objective is to enhance the image and well being of its members through the advocacy of strong licensure laws and the ethical and competent practice of engineering to protect the public health, safety and welfare. MSPE is divided geographically into nine chapters and by specialty into five practice areas: construction, education, government, industry, and private practice. For more information visit www.mspe.org.

**OUR CONGRATS TO SOCIETY & CHAPTER MEMBER EDWARD "DOUG" FITTS
TO RECEIVE ASHRAE SOCIETY DISTINGUISHED SERVICE AWARD 2005-2006**

The Honors and Awards Committee, The ASHRAE Board of Directors has voted to honor you with the Distinguished Service Award. This award recognizes ASHRAE members who have served the Society faithfully and with distinction on committees or have otherwise given freely of their time and talent on behalf of the Society. The Award will be presented to Doug at the Summer Meeting in Quebec City, Canada.

Technology Awards “The Archie”

What is the best way for you to promote both yourself and your firm, and gain recognition in the St. Louis Construction Industry, as well as ASHRAE nationally? Consider participation in this year’s ASHRAE Technology “ARCHIE AWARD” program.

This year’s award program, to be held in April, will afford you the opportunity to have the outstanding work completed by your firm, or the terrific performance of your equipment, recognized by the entire St. Louis Chapter. Local winners will be submitted for regional and then possibly national competition.

This year’s categories will be Commercial Buildings, Institutional Buildings, Health Care Facilities, Industrial & Process Facilities, Public Assembly, Residential, Alternative and /or renewable energy uses.

Look for information and the short form in the next Thermos. If you should have any questions or projects you would like to nominate please contact Robert Glunt, Chairman, TEGA Committee at 314-878-4313 or at rglunt@b-g.com for an advanced copy of the forms.

Vendors!!!!

Looking for a new way to market your product? How about a **Tabletop Display** at a St. Louis Chapter ASHRAE meeting? Your display can give you exposure to both ASHRAE members and guests. The tabletop displays are located for maximum “visit-ability.” Cost of Table Top: \$100.00 Per Table.

Dates Available: April 10, 2006

Priority will be given to those on a first come first serve basis. All decisions are at the discretion of the Board of Governors and the Attendance and Reception Committee. For further information or reservations contact David Zimmerman, Rollie Johnson, Inc., 636-532-1050.



Pictured above from left to right is: Mike Corrigan, Robert Wasilewski, SMACNA, Brian Ingenthron, President (05-06), St. Louis Chapter ASHRAE.

VOTE!

**BALLOT
FOR
2006-2007
ST LOUIS CHAPTER
ASHRAE
CHAPTER OFFICERS AND DIRECTORS**

It's that time once again for your vote. Your Chapter officers and directors have been placed in nomination and they are as follows:

Write-in candidates may be written in under each of the following nominees. Any write-in candidate must have written confirmation in to the Nominating Committee Chairman, Dave Hetlage.

Name & Title	Yes	No
James L. Jansen, President	X	
Gerald G. Williams, President-Elect	_____	_____
Amy B. W. Sherwin, Vice-President	_____	_____
Patrick A. O'Brien, Secretary	_____	_____
Eric G. Utterson, Treasurer	_____	_____
David L. Zimmerman, Governor	_____	_____
Mary Beth Burka, Governor	_____	_____
Brian M. Ingenthron, Ex-Officio	_____	_____

	Voters Signature	

Please return this ballot by March 20, 2006, St. Louis Chapter ASHRAE, P O Box 31368, St. Louis MO 63131 . Thank you.

ST LOUIS CHAPTER ASHRAE PRESENT THE 2005-2006 SCHOLARSHIP WINNERS BY ERIC ROGERS, CHAIRMAN



I'd like to begin with a story. You are peacefully sleeping and dreaming of graduation day when all at once; BUZZZZ!!!! Oh know, it's the alarm clock, you are late for your first morning class because you hit the snooze button about 10 times. Scrambling to find your clothes, of course smelling them to make sure they are the "clean" ones, grab a pop tart, the car keys and head out the door to class. Most of us can relate to many days like these during our wonderful college years.

This example is only of the many challenges of being in college these days. You need to remember to throw in the pressure of perhaps holding down a part-time job, being a tutor, involved with school sports or perhaps even having to balance college with a family. Many of the best of us would feel overwhelmed by these pressures. Some of you reading this article may have been involved in your student sections of professional organizations such as American Society of Heating, Refrigeration and Air Conditioning Engineers, American Society of Mechanical Engineers, etc. during those bygone school days. You then realize the dedication and determination it takes to be involved in student activities.

Many of the students that attended the February student night all managing all of these pressures combined. Some drove as far away as Rolla, Missouri; Columbia, Missouri and Carbondale, Illinois, but there were also some from local colleges such as Ranken Technical College and Vatterott College. Regardless of how far the students drove, they all have one thing in common, an interest in ASHRAE.

Thanks to many individuals of ASHRAE and AG Edwards Staff, the students were able to tour the AG Edwards headquarters building to see the real world applications of what they were learning to design or service in their classes and labs. After the tour, the students were invited to attend the regular February meeting presentation and dinner. This allowed the students to get a better feel for ASHRAE and to network with individuals in the ASHRAE fields as diverse as sales engineering to service technician positions. The responses that I have received from the students were very positive.

The future of any society or organization is the new members that come into its ranks. The best way to get new members that stay and contribute to our organization is through the student members. The way that we as an organization can help to attract those students is through many things that ASHRAE already currently participates in. The St. Louis ASHRAE section tries to donate a complete set of the ASHRAE handbooks to local ASHRAE Student sections. These books come from members that have donated either a full set or even one or two books at a time. The ten scholarships that were given out this year, and in previous years, to individual students are funded by members through the ASHRAE fall golf outing every year. The dinner fee that many of the regular members pay is waived for any student member. This is to get the students involved in ASHRAE now, so that they will see the advantages to becoming a regular member in the future. The dinner fee still needs to be paid by ASHRAE and is supplemented by many generous sponsors. The sponsors are ASHRAE members or companies that agree to cover the cost of one or more student dinners.



We would like to especially thank the following: Corporate Sponsors: Behrmann Co, Blackmore & Glunt, Inc, C E Jarrell Contracting Co, ,Coad Engineering, Commair Inc, Custom Product Solutions, Inc, Engineered Thermal Systems, Inc, Koch Air Marco Sales Carries Division, Laclede Gas Co., McClure Engineering Associates, RamAir, Inc, Sporlan Division, Trane Co. ,Individual Sponsors: Bob Anderson, Chuck Dale-Derks, Dick Kalin, Pat O'Brien, Eric Rogers.

Students in the Top Row (L to R): Naved Siddiqui – Southern Illinois University –Carbondale, Emanuel Dennis – Vatterott College, Richard Sharrow – Ranken Technical College, Robert Jones Jr. – Vatterott College and Kirk Wing – University of Missouri Columbia

Bottom Row (L to R): Eric White – Southern Illinois University – Carbondale, Richard Shaw – Ranken Technical College, David Politte – Ranken Technical College, Jason Sneed – University of Missouri – Rolla and Christopher Gunn – Ranken Technical College

If anyone is interested in being involved with the student activities committee, please email me at erogers@mcclureeng.com. Thanks. Eric Rogers, Chairman.

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CALENDAR—2005-2006 Check us out on the web –ashrae-stl.org

SEPTEMBER 12, 2005

***SEPTEMBER 19, 2005**

OCTOBER 10, 2005

NOVEMBER 14, 2005

JANUARY 9, 2006

***JANUARY 23-25, 2006**

FEBRUARY 13, 2006

***MARCH 20, 2006**

APRIL 10, 2006

***APRIL 27-29, 2006**

***APRIL 28, 2006**

***MAY 12, 2006**

***JUNE 24-28, 2006**

PAST PRESIDENTS' & HISTORY NIGHT

SCHOLARSHIP GOLF AT EMERALD GREEN

MEMBERSHIP NIGHT

RESEARCH PROMOTION NIGHT

"R" IN ASHRAE NIGHT

ASHRAE SHOW & MEETING-CHICAGO, IL

STUDENT NIGHT

TOUR NIGHT-EARTH & PLANETARY SCIENCE BLDG

RESEARCH PROMOTION NIGHT

**CHAPTERS REGIONAL CONFERENCE-2006
FRONTENAC HILTON-ST LOUIS MO**

HRATEC—FRONTENAC HILTON ST LOUIS MO

FRONTENAC HILTON-ST LOUIS MO

SPRING GOLF OUTING

SOCIETY MEETING-QUEBEC CITY, CANADA

***We will be away from Russo's Spazio at Westport. Check the March THERMOS for location.**
