

The Oil Capital Air

Newsletter of the Northeastern Oklahoma Chapter of the
American Society of Heating, Refrigerating and
Air-Conditioning Engineers, Inc.

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Volume XLIX, Issue 4

Tulsa, Oklahoma

December 2006

DECEMBER IS A LUNCH MEETING FEATURING A PANEL DISCUSSION

President's Message

By: David Lam



Dave Lam
Chapter
President

President.

We had a very entertaining and educational meeting in November. I want to thank Dave Farthing with the Federal Corporation for his technical session and meeting presentations. His presentations a very enjoyable and entertaining and above all, educational. If you were

not present at the meeting and have an opportunity to attend a presentation of his in the future, you will do yourself an injustice if you miss it.

I also want to thank Art Giesler, our Regional Director, who was in attendance. Art sat in on our Board of Governors meeting prior to the chapter meeting and also attended the chapter meeting. Art addressed the chapter and gave us a quick run down of the direction that our region is going and where society is headed with sustainability. I saw Art mingling with many of our members and I want to thank all of you who helped make him feel welcome.

Our December 14th chapter meeting is closely approaching and once again it will be a LUNCH meeting. We will have a panel discussion on "Project

Scheduling" and will have a representative from the following groups: Owners, Engineers, Architects, Mechanical Contractors, and Construction Management. This is a very important part of any project and has become seemingly a lost art as many general contractors have gone to construction management methods of operations. We hope to have representatives from the Associated General Contractors, Associated Builders and Contractors, and American Institute of Architects. Our December lunch meeting is usually very well attended and we hope that trend will continue. Please mark this meeting on your calendar and bring some guests who might gain something from our panel discussion.

The February meeting will

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UPCOMING EVENTS

- *December 14, 2006
LUNCH Chapter Meeting
at Renaissance Hotel,
6808 South 107th East
Ave.*
- *11:30 - Lunch and
ASHRAE Business*
- *Noon - Panel Discussion*
- *December 21, 2006
Board of Governors
Meeting at ABS*
- *January 11, 2007
Chapter Meeting*

LUNCH CHAPTER MEETING

Thursday, December 14, 2006
Renaissance Hotel

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be spouses' night and we will have our annual Research Promotion Auction that night also. Please be looking for and thinking of things you can donate for the auction. Rob Teis will be in charge of this year's event, so please call him at 583-2266 if you are interested in donating something.

This last month has not been an easy month for me in regards to ASHRAE. Tony Beeson, who laid down most of the groundwork for our meeting speakers this year submitted his resignation and Jon Wilmore, our Publicity Chair relocated to Oklahoma City. I want to thank Chad Marazas for volunteering to fill Jon's seat and making that a smooth transition. We will try to get by without finding a replacement for Tony, but I want to thank both of them for their help, especially Tony, as he left the Program's position in pretty good shape. Finally, Pam Dunlap submitted her resignation this last month. Pam was recently promoted and will be heading Matrix' engineering department, so she will not be able to devote the necessary time to ASHRAE. I have very much enjoyed working with Pam over the last couple of years and greatly appreciate her support as I too worked my way up the chairs. Pam is a great asset to ASHRAE and our industry and her personality and hard work deserve all the accolades she receives. I want her to know that I will truly miss working with her and hope she will continue to keep me company at the chapter meetings.

Dave Lam can be reached at 918.250.5590 or david.lam@omni-2.com

Chapter Technology Transfer
By: Brian Hamilton

December Meeting Preview

CTT.

Our December meeting will be during lunch time. We are having a panel discussion which should prove both interesting and informative. The panel will be comprised of various representatives from the following communities: Contracting, Engineering, Architectural, and Building Owner. The topic is "Construction Scheduling and Sequencing." This will cover the need and purpose for developing project schedules, who is involved, and at what point in the development process each party may need to provide input and oversight. Discussion will address who manages schedule updates under differing types of projects, practical expectations and how adjustments should be made to track project progress. We will be following the same open forum protocol as last year, so please come with question and/or comments.

December Tech Session Preview

CTT.

Due to the lunch format of our December Meeting, there will be no technical session.

November Meeting Review

CTT.

The November meeting was a good one. During the Tech Session, Mr. Farthing covered the application of Deaerators. In the Main Program he discussed Improving Boiler Room Efficiencies. Mr. Farthing is well-versed in both of these topics. Mr.

Farthing was very informative and entertaining. He received very high ratings and got great feedback.

Brian Hamilton can be reached at 918.858.0060 or smilinbrian@yahoo.com

History

By: Bob Allwein

History.

October 12th, my birthday, also marked the 100th Anniversary of Oklahoma Natural Gas Company. ONG got it's start as a pipeline company and has grown into a Fortune 500 company and the largest company in Oklahoma with 2005 revenues of \$12.8 billion.

Oklahoma Natural Gas has been an avid supporter of ASHRAE and our chapter over the years. Since 1966 there have been six ONG employees to serve as Chapter presidents. They are Bob Swain, Dick Dunn, Don Sutton, Joe Tucker, Terry Rowe and Bob Allwein. These individuals not only served as officers of the chapter but were very active in committee work and regular attendees at meetings. Joe Tucker, deceased, chaired the Chapters Regional Conference (CRC) held in Tulsa in 1988. Sadly, recent changes in utility company philosophy, and retirements, have effected ONG participation.

As part of the centennial celebration, ONEOK, now the parent company of ONG, commissioned Dr. Bob L. Blackburn, Executive Director of the Oklahoma Historical Society, to prepare a history of the company which was published as ONEOK A Centennial Portrait 1906-2006. Historical information about the company was

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gathered from this publication. In reading the first part of the history I was taken by the number of Pennsylvania natives (of which I am one) that were involved in the formation of the oil and gas industry and ONG. One of the co-founders, Dennis T. Flynn, an attorney, came to Oklahoma seeking his fame and fortune. He became a prominent Republican and was elected to represent Oklahoma Territory in the U. S. Congress. Another founder, C.B. Ames was a staunch Democrat and an attorney from Mississippi. Two other founders, T. N. Barnstall and Glenn T. Braden, well known names today when it comes to the oil and gas business, completed the partnership that was originally formed to build a 100 mile pipeline from Oklahoma City to tap natural gas production in the Glenn Pool Field south of Tulsa. The gas would be delivered and sold to the local gas company, Oklahoma Gas and Electric Company, which Flynn and Ames were both investors in, and was using coal based manufactured gas. On October 12, 1906 the new enterprise was formed and called Oklahoma

Natural Gas Company with headquarters in Oklahoma City. On December 27, 2007 natural gas flowed into residences and businesses in Oklahoma City from the new 12 inch line. To meet growing demands a compressor station, the first in the Southwest, was build in Kellyville.

What started out to be a company founded to build a pipeline to serve a Local Distribution Company in Oklahoma City has grown into a gas company that serves two thirds of Oklahoma with 19,326 miles of pipe and a corporation with over 4,600 employees that serve almost two million customers in Kansas, Oklahoma and Texas. Oklahoma Natural Gas Company now represents only 15 percent of ONEOK's revenue. From a small pipeline company in 1906, ONG has weathered the swings of economic cycles, the vexing take-or- pay crisis and the top-to-bottom transformation of the nation's gas industry to emerge as an industry leader. You can find more on ONG's history at <http://www.oneok.com/timeline.jsp>.

Bob Allwein can be reached at 918.770.5380 or ballwein@cox.net

Editor's Corner

By: Nancy Mack

Editor.

Legacy is an important word to the Northeastern Oklahoma Chapter of ASHRAE. Legacy is what makes this chapter special and exceptional. Legacy is the word that comes to mind when I think of Mary Bowers.

Although she has been featured in many a newsletter article, I thought it especially important to mention her this month as she is officially retiring from the industry. Mrs. Bowers has been a fixture in Tulsa ASHRAE for

many years. Personally, I am proud to call her a mentor and a friend. On behalf of the chapter, I would like to thank her for her many years of service, and to wish her a very happy retirement.

Nancy Mack can be reached at 918.615.1430 or nancy.mack@siemens.com

Membership Promotion

By: Chuck Mayfield

Membership.

I hope everyone had a Happy Thanksgiving. Now it is time for the giving season, Christmas. Please remember to give membership applications to all of your customers and co-workers that are not members of ASHRAE.

Keep up the good work recruiting new members. It is the life line to a successful chapter. Again, thanks for letting me represent you as the Membership Chair for this year. A healthy chapter is a growing chapter.

Please contact me for additional information or applications.

Chuck Mayfield can be reached at 918.624.1005 or cmayfield@eei-ok.com

Student Activities

By: Sam Davis

Student.

I recently attended a joint meeting of the ACR Club and ASHRAE student branch at OSU Okmulgee. We have several new student applications and two advisor applications being processed. These new members will be very welcome to our Chapter and we are looking forward to having them participate at our meetings and techni-

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Mary Bowers

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cal outings. Please keep your eyes peeled for these new faces, and do your best to make them feel welcome.

Sam Davis can be reached at 918.249.1918 or sdavis@federalcorp.com

Resource Promotion

By: Rob Teis

Resource.

Last month's meeting was a great opportunity to thank those members and organizations who so generously gave to ASHRAE Research last year. All those who donated more than \$100 should be receiving their commemorative coins in the mail soon.

This month I will be collecting the donations from our chapter officers to get the Full Circle Award. This award is given to chapters whose officers & Research Promotion chair donate at least \$100 to ASHRAE Research. The auction will be held during the February meeting. Please be thinking of ideas for donations to help our chapter have a record year for ASHRAE Research.

Rob Teis can be reached at 918.382.6134 or RobT@aaon.com

Treasurer

By: Nancy Mack

Treasurer.

There are several outstanding booster ticket and meal invoices that need to be paid. Please watch for these invoices in your inbox and pay them in a timely manner. This helps the treasurer to keep the books accurate and up-to-date. Thank you for your cooperation.

Nancy Mack can be reached at 918.615.1430 or nancy.mack@siemens.com

Congratulations...and Thanks!

By: Bill Hanlon

Congrats.

Northeastern Oklahoma Chapter President Elect Pam Dunlap has been promoted to principal in charge of mechanical engineering for Matrix Architects Engineers Planners Inc. With the added responsibilities and time commitment of her new position, Pam feels she will not be able to give the ASHRAE office the attention it deserves. Therefore, Pam has asked to be relieved of her duties as President Elect. The Board of Governors and the Northeastern Oklahoma Chapter thank her for her service to its members.

Nancy Mack will replace Pam as President Elect for the remainder of the term. Dan Owens has agreed to



serve a dual role as Secretary and

Treasurer. We thank all of these members for their dedication to our Chapter.

Bill Hanlon can be reached at 622-1500 or wutzpneu@aol.com

Refrigeration

By: Mike Guillen

Refrigeration.

The ASHRAE Winter meeting was an important time for the Society Refrigeration committee. They developed a plan for the implementation of ASHRAE's sustainability plan. It was determined that "we are living in a limited resource world and these resources are further diminishing with the steady growth of world population and rise in the standard of living. According to the IIR position paper, 15% of the world power output is used to drive refrigerating and air conditioning systems, therefore it behooves upon those responsible in the decision making hierarchy to lead in developing refrigeration systems that are more efficient." (excerpted from "Refrigeration Committee 2006 Quebec Annual Meeting Minutes") To read the 15 issues to be addressed by this committee, visit www.ashrae.org/refrigeration.

Mike Guillen can be reached at 918.664.0312 or Mike.Guillen@sbcglobal.net

November BOG Minutes

By: Dan Owens

The NEOK Chapter Board of Governors (BOG) was held on November 9, 2006, at the Renaissance Hotel. President Dave Lam called the meeting to order at 4:30 p.m.

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Minutes: October BOG meeting minutes were distributed prior to the BOG meeting and corrections were collected. A motion was made and seconded to approve minutes as corrected and the motion carried.

Treasurer: Nancy Mack presented the Financial Report. The report was filed for audit. Nancy reported that the Tulsa Engineering Foundation donation was paid and that invoices for booster tickets have been sent out.

Newsletter: Newsletter articles should be sent to Pam Dunlap by Thanksgiving for the December newsletter.

Research Promotion: Rob Teis reported that he will be passing out certificates of appreciation at tonight meeting.

Membership Promotion: Dave Lam reported that we have one new member, Robert Schatz from Lee and Browne.

CTT: Brian Hamilton reported that we are on track for the Building Security Satellite Broadcast on November 14th. We have 7 people signed up. Dave Lam announced that Tony Beeson has resigned his CTT position. Mike Guillen said that he has had a difficult time setting up another refrigeration tour.

Student Activities: Sam Davis reported that OSU-Tulsa chapter formation is promising. Sam also reported that if we could sponsor student memberships, that we could get quite a few new student members.

Directory: Bill Hanlon reported that the new directory will begin testing this month.

Attendance: Scott Pollard asked that

all people who do not receive e-vites or emails to contact him. Art Giesler informed the BOG that he and other regional officers are not getting the newsletter. Art said that a communication list is available and to make sure that the proper people are receiving the proper information.

Publicity: Dave Lam reported that Chad Marazas is sending meeting announcements to the Tulsa World.

History: Dave Lam reported that a history article for November is done.

Honors and Awards: Gene Redford reported that he is working with Jack Tumilty to gather information to submit for a Service Award. Art informed the BOG that Service Award criteria have been changed.

CRC Action: Steve Johnson reported that the PAOE website is up and running.

Nominating Committee: Paul Roberts announced that he will start to get together a nominating committee.

Old Business: A discussion on ASHRAE's support for the Clinton Climate Initiative took place. Art Giesler confirmed that ASHRAE is providing technical expertise to CCI and that CCI is paying ASHRAE for all CCI related expenses. ASHRAE research is not donating to CCI. BOG will discuss whether they will support sending the letter.

New Business: Art Giesler asked the BOG to consider donating for prizes for the Dallas Winter Meeting casino night.

Paul Roberts wants to make sure that both traveling awards from the golf tournament are to be won by chapter members only.

The next Board of Governors meeting will be December 21, 2006, 4:30 p.m., at ABS.

Meeting was adjourned at 5:14 pm.

November Chapter Meeting Minutes By: Dan Owens

A Technical Session prior to the main meeting was presented by David Farthing with the Federal Corporation. Mr. Farthing discussed the applications of Deaerators.

The NEOK Chapter Meeting was held on November 9th, 2006 at the Tulsa Renaissance Hotel. President Dave Lam called the meeting to order at 6:45 p.m.

President Lam introduced our guests. Dave introduced the Chapter's newest member, Robert Schatz, from Lee and Browne.

President Lam announced that November is designated as Consulting Engineers Night. Dave asked that all Consulting Engineers to stand and be recognized.

President Lam announced that November is also Research Promotion Night. Dave asked Rob Teis to come forward and present certificates of appreciation to all those that contributed to last year to ASHRAE Research.

President Lam invited Keith Browne to deliver the invocation. In honor of Veterans Day, Keith read a citation for a Medal of Honor recipient. Keith then asked all Veterans to stand and be recognized. Keith then led the chapter in reciting the Pledge of Allegiance and afterwards gave the invocation.

After dinner President Lam asked Art

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Giesler, Region VIII DRC, to give the chapter a Region VIII and Society update. Art gave a presentation on future regional and society goals. Art also asked all past Presidents that won the Golden Gavel to stand and be recognized.

President Lam asked Brian Hamilton to introduce tonight's speaker. Brain introduced David Farthing with the Federal Corporation. Mr. Farthing gave an amusing and informative presentation on improving boiler efficiencies.

President Lam thanked David Farthing for the Technical Session and Main Program.

David announced that on December 1st, there will be a retirement party for Mary Bowers. If you are interested in attending, please contact Kelly Coday.

President Lam announced that the next meeting is December 14th, and it will be a lunch meeting and Panel Discussion on construction schedules.

Meeting was adjourned at 8:30 pm.

Dan Owens can be reached at 918.250.1414 or owens.d@mcintoshservices.com



*Tulsa Manager
1995-2006*

Retirement Reception!

Please join us

in honoring

Mary Bowers

as she retires

after more than

26 years

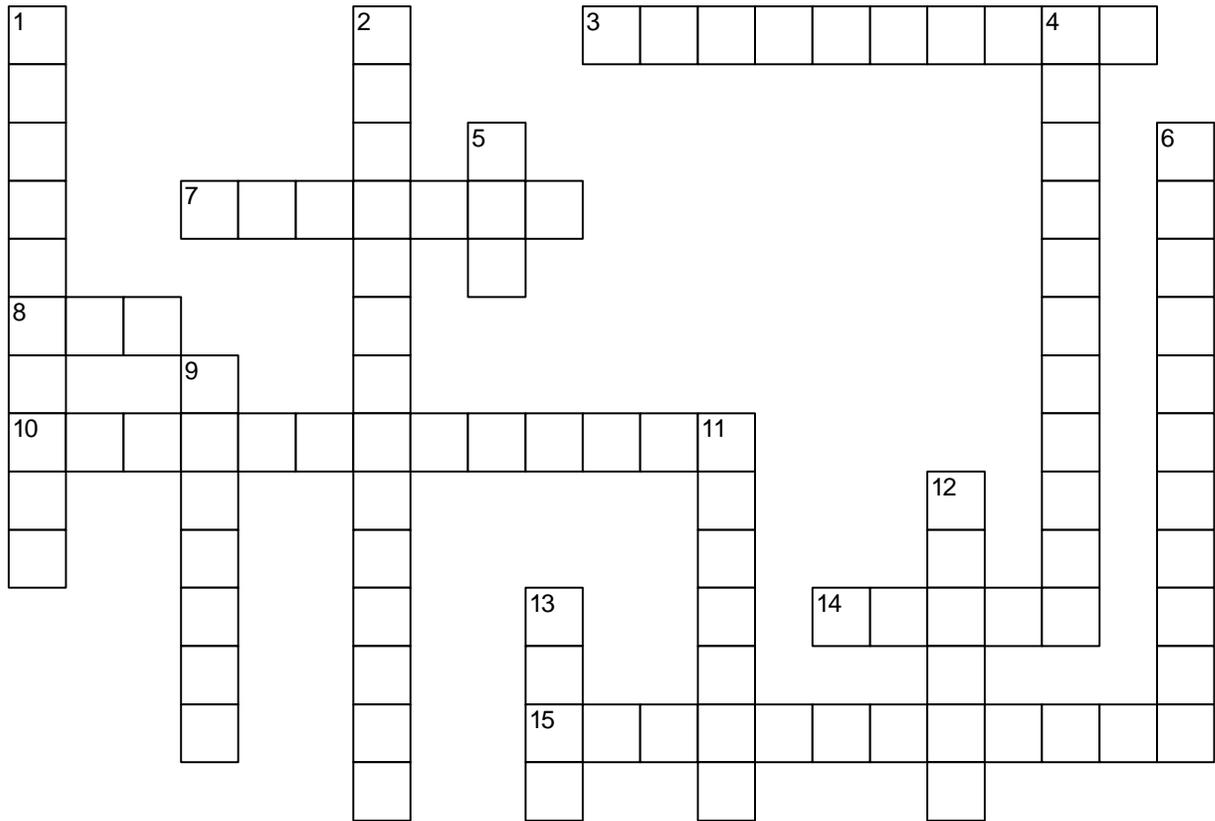
in the industry.

*Friday, January 12, 2006
5:00 PM*

*Doubletree Hotel Downtown
616 West 7th Street
Tulsa, OK 74127*

*R.S.V.P. by December 29, 2006
(918) 665-6600 or
michelle@airetechcorp.com*

OIL CAPITAL AIR PUZZLE



www.CrosswordWeaver.com

Across

- 3 Only female president to serve as chapter president.
- 7 American society of _____, refrigerating, and air-conditioning engineers.
- 8 Topic of upcoming ASHRAE satellite broadcast.
- 10 Man to talk to about new members.
- 14 First local chapter president
- 15 Location of 2007 Region VIII conference (CRC.)

Down

- 1 Award given to chapter that receives \$100 research donation from all of its officers and RP chair.
- 2 Main topic discussed by refrigeration committee at the Quebec Society Meeting.
- 4 Location of December lunch meeting.
- 5 Featured in this month's history article.
- 6 Distinguished 50 year member
- 9 Month that the NEOK chapter was chartered.
- 11 Current chapter president
- 12 Chapter hosting the ASHRAE winter meeting.
- 13 Local Golden Circle contributor.

Last Chance

Complete the application below and receive a **big discount** on your **Booster Tickets**

NEOK ASHRAE BOOSTER TICKET APPLICATION

Individual Booster Ticket: (Name) _____ \$125.00

Individual Booster Ticket: (Name) _____ \$125.00

Corporate Booster Ticket: Qty. _____ @ \$125.00 \$ _____

Student Booster Ticket: Qty. _____ @ \$125.00 * \$ _____

Member Promotion:
Booster Ticket: Qty. _____ @ \$125.00 * \$ _____

Student Meals: Qty. _____ @ \$20.00 * \$ _____

Total Amount Paid: \$ _____

Company Name: _____ Contact Person: _____

Address: _____

Phone: _____ Fax: _____

Mail Checks to:
Dan Owens
C/O McIntosh
PO Box 472208
Tulsa, OK 74127

Make checks payable to:
NEOK ASHRAE

* Tax deductible donation for the benefit of the Chapter

2006/2007 Programs

Date	Technical Session	Speaker	Main Program	Speaker	Theme and Special Guests
14-Sept-06	Golf Tournament at Clary Fields Golf Course				
12-Oct-06	Cooling Tower Design & relationship to ASHRAE 90.1	Dick LeClaire; Marley	Radiant Heating Systems	Keith Whitworth; Watts	Membership Night; Refrigeration Night
9-Nov-06	Boiler System Design	Dave Farthing; Federal Corporation	Dearator & Boiler System Design	Dave Farthing; Federal Corporation	Research and Consulting Engineers Night; Art Geisler, Region VIII DRC
14-Dec-06	NONE - Lunch Meeting		Construction Scheduling and Sequencing	Panel of Industry Representatives	Joint meeting with AIA, MCA, ABC
11-Jan-07	Re-commissioning for Greener Buildings	Tom Hanlon	Pre-packaged Mechanical Room Systems	Chris Huston; Systecon	Membership Promotion Night
9-Feb-07	NONE		Tulsa's Oil History	Helmerich & Payne representative	Research Auction; Spouses Night
8-Mar-07	Water treatment Issues for Cooling Towers	Mike Gulizio; Certified Labs	Airflow and AHU Design	Jeff Forman; Temtrol	Student Activities, Past Presidents, & Golden Circle Night
5-April-07	NONE		Plant Tour Electronic Data Systems Cherokee Center		Plant Tour
18-April-07	NONE		ASHRAE Satellite Broadcast - IAQ	ASHRAE Panel	Satellite Broadcast @ OSU-Tulsa
11-May-06	Proper Application of Valves	Mark Caeser; Crane	Green Design and Sustainability- Indefinable Success in a Defined World	Mitchell Swan, PE	Awards Night; Installation of Officers

The Oil Capital Air

Northeastern Oklahoma Chapter
 American Society of Heating Refrigerating and Air-
 Conditioning Engineers, Inc.
 P.O. Box 54069
 Tulsa, OK 74155-0069

Visit our website at
www.ashrae-neok.org

Chapter Volunteers

Officers:

		Voice	Fax
President	Dave Lam	250-5590	459-0997
President-Elect	Nancy Mack	615-1430	615-1435
Secretary	Dan Owens	250-1414	254-1444
Treasurer	Dan Owens	250-1414	254-1444

Board of Governors

Robert Allwein		770-5380	
Bill Hanlon		622-1500	835-9992
Mike Beda		664-0312	665-3351
Mike Gulizio		455-1712	451-1596
Steve Uerling		836-0271	836-0275

Committee Chairs

CRC Delegate	Steve Johnson	270-1414	270-1444
CRC Alternate	Joel Karstetter	665-3974	666-4219

Committee Chairs (cont.)

Attendance	Scott Pollard	250-5590	459-0997
Directory	Bill Hanlon	622-1500	627-7004
Historian	Bob Allwein	770-5380	
Honors & Awards	Gene L. Redford	834-7000	
Invocations	Paul Roberts	665-6600	627-7004
Membership	Chuck Mayfield	624-1005	624-1006
Newsletter	Nancy Mack	615-1430	615-1435
Technology Transfer	Brian Hamilton	858-0060	858-0061
Programs (Main)	Brian Hamilton	858-0060	858-0061
Programs (Tech)	Keith Browne	258-7460	258-7460
Publicity	Chad Marazas	250-5522	250-5419
Reception	Scott Tucker	258-4059	459-0997
Refrigeration	Mike Guillen	664-0312	665-3351
Resource Promotion	Rob Teis	382-6134	382-6295
Special Events	Jerry Beardslee	587-4747	587-8008
Student Activities	Sam Davis	249-1918	249-9014
TEGA	Jeff Ferguson	877-6000	877-4000
Webmaster	Paul Mannas	664-0312	665-3351

Calendar of Events

Important Dates

August 17, 2006	Board of Governors
September 14, 2006	Chapter Golf Tourney
September 21, 2006	Board of Governors
October 12, 2006	Chapter
October 19, 2006	Board of Governors
November 9, 2006	Chapter
November 28, 2006	Board of Governors
December 14, 2006	Chapter
December 21, 2006	Board of Governors
January 11, 2007	Chapter
January 18, 2007	Board of Governors
January 27-31, 2006	ASHRAE Winter Meeting
February 8, 2007	Chapter
February 15, 2007	Board of Governors
March 8, 2007	Chapter
March 15, 2007	Board of Governors
April 5, 2007	Chapter
April 13-15, 2007	CRC
April 19, 2007	Board of Governors
May 10, 2007	Chapter
May 17, 2007	Board of Governors
June 23-27, 2005	Annual Meeting

Meeting

Location

Siemens
Clary Fields Golf Club
ABS
Renaissance Hotel
ABS
Dallas, TX
Renaissance Hotel
ABS
Renaissance Hotel
ABS
Plant Tour
Oklahoma City, OK
ABS
Renaissance Hotel
ABS
Long Beach, CA