

# Diffuser

Jacksonville Chapter of American Society of Heating, Refrigerating and Air - Conditioning Engineers, Inc.

January/February 2003

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

Volume 15 Number 1

## A NOTE FROM OUR PRESIDENT

I hope everyone had a happy and safe holiday season. The last couple of social meetings went very well. The pool tournament had 25-30 participants and the first winner of the event was Mark Wilson of The Trane Company. It was a lot of fun and hopefully we'll have even more participate in the spring.

The oyster roast was also a good time and we had ~ 350 in attendance. The socials have remained somewhat familiar in format over the years but if anyone has any suggestions on how we might improve any of them please email your suggestions to me or Ron Kessner.

The January meeting is a lunch meeting on the 14<sup>th</sup> at the Radisson. The topic will be "Condenser Water Applications in Relation to Ice Thermal Storage and Energy Conservation". Please RSVP to Joey Robinson for all chapter programs. In February we will be having our Presidents Ball. The event will be held at Timuquana Country Club. We will also be having a chapter

meeting to be held in Gainesville in February. This meeting will be held around 5:00 and we are coordinating in on a date when UF basketball team will be at home at 7:00 for those who may want to see a game after the meeting. See details inside.

Lets get the new year started right by having a good attendance at our meetings. Hope to see you there.

Scott Bohn  
Chapter President

## CHAPTER MEETING SCHEDULE

- |                                 |  |
|---------------------------------|--|
| <b>January 14<sup>th</sup></b>  | <b>Lunch Meeting</b><br>Radisson Riverwalk Hotel<br><b>Gary Henderson</b><br><i>Baltimore AirCoil<br/>Condenser Water Applications</i>   |
| <b>February 21<sup>st</sup></b> | <b>President Ball</b><br>Timuquana Country Club  |
| <b>February 18<sup>th</sup></b> | <b>Gainesville Lunch Meeting</b><br>Student Meeting<br><b>Gary Siebien</b><br><i>Acoustics in Relation to Designing HVAC Systems</i>   |
| <b>March 11<sup>th</sup></b>    | <b>Lunch Meeting</b><br><i>Membership Promotion</i> Radisson Riverwalk Hotel<br><i>Research Promotion Recognition</i><br><b>Ray Algren</b><br><i>Bell &amp; Gossett</i><br><i>Variable Speed Pumping for Large Chilled Water Systems</i> |
| <b>April 14<sup>th</sup></b>    | <b>Spring Golf Outing</b><br><i>Research Promotion</i> St. Johns Golf Country Club   |
| <b>May 13<sup>th</sup></b>      | <b>Lunch Meeting</b><br>Radisson Riverwalk Hotel   |
| <b>June 10<sup>th</sup></b>     | <b>Evening Meeting</b><br><i>Installation of Officers</i><br>Radisson Riverwalk Hotel  |



*Happy Valentines Day*  
*February 14<sup>th</sup>, 2003*



**2001-2002 OFFICERS, GOVERNORS, AND COMMITTEE CHAIRS**

**President**  
 Scott Bohn, P.E. Phone: 904.394.7971  
 Fax: 904.389.4901  
 sbohn@wwgmc.com

**President Elect**  
 Ronald J. Kessner, P.E. Phone: 904.285.2534  
 ron.kessner@mail.ashrae.org

**Vice President**  
 Joey Robinson Phone: 904.724.8888  
 Fax: 904.724.0979  
 able-joey@usa.net

**Secretary**  
 John Hale Phone: 904.306.9111  
 Fax: 904.306.9117  
 john.hale@tlc.eng.com

**Treasurer**  
 Stew Sedgewick Phone: 904.389.1322  
 Fax: 904.389.1324  
 sedgwick@flhydronics.com

**Governor**  
 John Nelson Phone: 904.642.8701  
 Fax: 904.642.8008  
 jnelson@amejax.com

**Governor**  
 John Winslow Phone: 904.399.4133  
 Fax: 904.399.5750  
 jwinslow@tombarrow.com

**Governor**  
 Benjamin J. Cole, P.E. Phone: 904.306.9111  
 Fax: 904.306.9117  
 ben.cole@tlc-eng.com

**Past President**  
 Benjamin J. Cole, P.E. Phone: 904.306.9111  
 Fax: 904.306.9117  
 ben.cole@tlc-eng.com

**Research Promotion**  
 John Nelson Phone: 904.642.8701  
 Fax: 904.642.8008  
 jnelson@amejax.com

**Student Activities**  
 Randy Theen Phone: 904.899.9346  
 Fax: 904.899.9346  
 rtheen@thestellargroup.com

**TEGA**  
 Rick Daber Phone: 904.394.7926  
 Fax: 904.394.8313  
 rick@wwgfa.com

**Honors & Awards**  
 Eric P. Lentz, P.E. Phone: 904.953.8214  
 Fax: 904.953.2437  
 Lentz.Eric@mayo.edu

**Membership Promotion**  
 John Winslow Phone: 904.399.4133  
 Fax: 904.399.5750  
 jwinslow@tombarrow.com

**Chapter Programs**  
 Joey Robinson Phone: 904.724.8888  
 Fax: 904.724.0979  
 able-joey@usa.net

**Historian**  
 Benjamin J. Cole, P.E. Phone: 904.306.9111  
 Fax: 904.306.9117  
 ben.cole@tlc-eng.com

**Newsletter**  
 Karen Cole Phone: 904.886.4630  
 Fax: 904.306.9117  
 bcole@attbi.com

**Website**  
 Bryan C. Pratt, P.E. Phone: 904.279.2424  
 Fax: 904.279.2491  
 bryan.pratt@rsandh.com

**Gainesville Section**  
**To Be Announced**

**UF Student Chapter**  
 S.A. Sherif, PhD Phone: 352.392.7821  
 Fax: 352.392.1071  
 sasherif@ufl.edu

**Audit**  
**To Be Announced**

**SCHEDULED MEETINGS**

**When: Tuesday January 14, 2003**  
**Time: 11:30 – 1:00 PM**  
**Where: Radisson Hotel**  
**Speaker: Gary Henderson**  
**Topic: Condenser Water Applications in Relation to Ice Thermal Storage and Energy Conservation**  
**RSVP by Monday January 13<sup>th</sup> to**  
 Joey Robinson @ 904.724.8888 or  
 Fax: 904.724.0979

**When: February 18<sup>th</sup>**  
**Time: 5:00 pm**  
**Where: Gainesville**  
**Speaker: Gary Siebien**  
**Topic: Acoustics in Relation to Designing HVAC Systems**  
**RSVP by Monday February 17<sup>th</sup> to**  
 Joey Robinson @ 904.724.8888 or  
 Fax: 904.724.0979

UF basketball team will be at home at 7:00 for those who may want to see a game after the meeting. **See details inside.**

**President's Ball**  
**When: February 21<sup>st</sup>**  
**Time: 7:00 pm Cocktails**  
**Where: Timuquana Country Club**  
**For more See details inside**

**JACKSONVILLE CHAPTER  
 PAST PRESIDENTS**

- 1957-58\* ..... Burt Sayman
  - 1958-59 ..... John Spence
  - 1959-60 ..... Jim Hammond
  - 1960-61 ..... Paul Stewart
  - 1961-62\* ..... Walt Van Wagenen
  - 1962-63 ..... Al Duffek
  - 1963-64\* ..... Frank Griffo
  - 1964-65 ..... Earl Kelly
  - 1965-66 ..... W.W. Gay
  - 1966-67\* ..... Dave Atkins
  - 1967-68 ..... Mac Newell
  - 1968-69\* ..... Dick Goettling
  - 1969-70 ..... Frank Houser
  - 1970-71\* ..... Loyd Davis
  - 1971-72 ..... Bo Beckwith
  - 1972-73 ..... Bob Myers
  - 1973-74 ..... Jim Grinnan
  - 1974-75 ..... Al Hospers
  - 1975-76 ..... Roy Colson
  - 1976-77\* ..... Bob Baker
  - 1977-78 ..... Jim Baker
  - 1978-79 ..... Ben Bryan
  - 1979-80 ..... Vince Wasack
  - 1980-81 ..... Gary Wingfield
  - 1981-82\* ..... Jan Thompson
  - 1982-83 ..... Ben Liebttag
  - 1983-84 ..... Lane Jackins
  - 1984-85 ..... Barney von Herrman
  - 1985-86 ..... Lynne Gailbraith
  - 1986-87 ..... Dennis Mahin
  - 1987-88 ..... Fred Wheeler
  - 1988-89 ..... Mac Coble
  - 1989-90 ..... Neal Taylor
  - 1990-91 ..... Ed Grey
  - 1991-92 ..... Carl Corneally
  - 1992-93 ..... David Boree
  - 1993-94 ..... Suzanne LeViseur
  - 1994-95 ..... Alan Korb
  - 1995-96 ..... James D. Worth
  - 1996-97 ..... John M. Lavelle
  - 1997-98 ..... Glenn T. Grinnan
  - 1998-99 ..... Bryan Finch
  - 1999-00 ..... Larry Turknett
  - 2000-01 ..... Eric P. Lentz
  - 2001-02 ..... Benjamin J. Cole
- \*Deceased

2003  
ASHRAE  
President's Ball

*February 21<sup>st</sup>, 2003*

*Timuquana Country Club*



*7:00 p.m. Cocktails*



*8:00 p.m. Dinner*

*Please RSVP for you and a guest to*

*Patience Kurtz at (904) 399-4133*



NATIONAL ENGINEERS WEEK 2003  
FEBRUARY 16-22

Join us for dinner at the

# ENGINEERS WEEK 2003 AWARDS BANQUET

**Date:** **Saturday, February 22, 2003**

- 5:30 Social Hour
- 6:30 Dinner
- 7:15 Annual Awards
- 7:45 Speaker

**Location:** **Embassy Suites Hotel**

9300 Baymeadows Road

**Speaker:** **Dave Carey**  
Motivational Speaker

**Cost:** \$ 35.00/person, Cash Bar

**\*\* Advance Registration Required (no shows will be invoiced) \*\***

\* Fax/Email this form by **February 18** to: *Denise Rassano, Stone, Joca & Mahoney, Inc.*  
**Fax No.: 448-0401, Ph. No.: 448-5300**  
*drassano@sjmengr.com*

-----  
**REGISTRATION FORM**

NAME(S): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COMPANY: \_\_\_\_\_

PH: \_\_\_\_\_ FAX: \_\_\_\_\_

TOTAL # OF RESERVATIONS: \_\_\_\_\_ TOTAL AMOUNT DUE: \$ \_\_\_\_\_

Checks should be made payable to the **FLORIDA ENGINEERING SOCIETY**  
Checks will be accepted at the door or mailed with this form prior to Feb. 18 to:  
\*\*\*\*\*

Amount Received: \_\_\_\_\_

Date \_\_\_\_\_

*Engineers Week Awards Banquet  
c/o Denise Rassano  
Stone, Joca & Mahoney, Inc.  
7400 Baymeadows Way, Ste. 220  
Jacksonville, FL 32256*





**Larry Reich**  
 Serving Jacksonville Since 1923

228 E. Forsyth Street, Jacksonville, Florida 32202  
 www.futchprint.net  
**(904) 355-3606 • Fax (904) 355-3607**

**SIEMENS**

Siemens Building Technologies, Inc.  
 Landis Division

8940 Western Way  
 Suite 1  
 Jacksonville, FL 32256

Tel: (904) 464-0808  
 Toll Free: (800) 949-0228  
 ext. 1202 S. Moore  
 Fax: (904) 464-0037

Steven A. Moore  
 Account Executive

**KEVIN D. CORDERO**  
 Vice President

P.O. Box 41106 (32203) Jacksonville, Florida

144 Watts Street (32204) Fax 904-355-0077  
**904-355-7867**

**George A. Israel, Jr.** Established 1952  
 INCORPORATED

Jacksonville • Tallahassee • Orlando • Miami • Tampa  
**BRANDS YOU KNOW • PRODUCTS YOU TRUST • SERVICE YOU VALUE**

**TOM BARROW CO.**  
 MANUFACTURERS REPRESENTATIVES  
 Air Conditioning, Heating,  
 Ventilating & Mechanical Equipment

Keith Billings 4211 Emerson St.  
 P.O. Box 10009  
**(904) 399-4133** Jacksonville, FL 32207



AIR & HYDRONIC BALANCING  
 HVAC SYSTEMS COMMISSIONING  
 SOUND & VIBRATION TESTING  
 INDOOR AIR QUALITY SURVEY

NATIONAL ENVIRONMENTAL  
 BALANCING BUREAU

**Thermal Systems Balancing, Inc.**  
 CERTIFIED MEMBER

11631 Ayala Road Curtis Wm. Smart, TBS  
 Jacksonville, Florida 32258-1607 President  
 (904) 260-4302  
 Fax (904) 262-7390  
 Email: thermalbalance@msn.com

*Quality Systems and  
 Technology, Inc.*

**Ross D. Montgomery, PE, CIAQP**

6502 28th Ave. E.  
 Palmetto, FL 34221




Phone 941-729-4496 fax 941-722-6895  
 webpage: www.qstinc.com email: ross@qstinc.com  
 PE 36128 CMCO 25363 EC 0001126 CEM 004487 CIAQP 001167



**YORK** INTERNATIONAL  
 CORPORATION

6900 Phillips Hwy., Suite 7  
 Jacksonville, FL 32216

"ESG FACTORY SERVICE"  
 Jacksonville 904-296-8456  
 Toll Free 800-851-6281  
 Fax 904-296-8565



**L. Lane Jackins**  
 Applied Mechanical Equipment, Inc.  
 HVAC Industry Manufacturers' Representatives

11455 Saints Road  
 Jacksonville, Florida 32246  
 Telephone (904) 642-8701  
 Facsimile (904) 642-8008

**Engineered Systems  
 & Services, Inc.**

P.O. Box 57759  
 Jacksonville, FL 32241  
 PHONE: 904-737-4669  
 FAX: 904-737-6423  
 Email: tbrooke\_ess@worldnet.att.net



Representing  
**Heat Pipe  
 Technology, Inc.**

- Efficient Dehumidifiers
- Energy (Heat) Recovery
- 100% Fresh Air Machines
- Dehumidifier Heat Pipes


Advanced Heat Pipes Available in  
 Packaged Systems and Custom  
 Retrofit Application. Visit our website at  
 www.heatpipe.com



**French & Company, Inc.**  
**Barry M. French**  
 President

6900 Philips Hwy., Suite 2  
 Jacksonville, FL 32216


Tel: 904-281-9595  
 Fax: 904-281-9596

ED GREY  
 BARNEY von HERRMANN, P.E.  
 STEW SEDGWICK  
**FLORIDA HYDRONICS, INC.**

2929 Edison Ave.  
 Jacksonville, FL 32254-4313


Phone (904) 389-1322  
 Fax# (904) 389-1324



**BILL HAMMILL**  
 Sales Representative

**SOUTHEAST PUMP & EQUIPMENT, INC.**  
 Sales • Parts • Repair Service


JACKSONVILLE  
 4631 Brown Avenue Phone (904) 396-9600  
 Jacksonville, FL 32207 Fax (904) 396-8500  
 www.southeastpump.com bhammill@southeastpump.com



**ILLINGWORTH  
 ENGINEERING  
 COMPANY**  
 manufacturers agent

**MICHAEL L. FLETCHALL**  
**MIKE PLOEG**

6855 Phillips Pkwy. Dr. S. 317 Baybrook Street  
 Jacksonville, FL 32256-1565 Thomasville, GA 31792  
 Phone 904/262-4700 Phone 229/226-3700  
 Fax 904/262-4604 Fax 229/226-7139  
 www.Boiler.net



**SYSTEMS  
 COMPONENTS  
 CORPORATION**  
 Specializing in Desiccant Dehumidification Systems

6750 W. Hwy. 40  
 Ocala, Florida 34482  
 (352) 237-8848  
**George Kirkland**  
 FAX 1-352-237-8558 syscomp@worldnet.att.net

CONTENT - This publication has been compiled with care but The Jacksonville Chapter of ASHRAE expressly disclaims any duty to investigate any product, service, process, procedure, design, or the like which may be described herein. The appearance of any technical data, editorial material, or advertisement in this publication does not constitute endorsement, warranty, or guaranty by ASHRAE. The entire risk of the use of any information in this publication is assumed by the user.

AIR PURIFICATION & HVAC SYSTEMS  
**PURRAIRE**

R.E. Goettling, President      OFF: 904-398-7271  
 1785 Emerson St.                      800-749-2977  
 Jacksonville, FL 32207              FAX: 904-398-3229

**American Coolair**      **ILG**

AMERICAN COOLAIR CORPORATION

GENERAL OFFICE, JACKSONVILLE, FLORIDA 32203-2300  
 P.O. BOX 2300 • TEL (904) 389-3646 • FAX (904) 387-3449  
 VANE AXIAL • TUBE AXIAL • PROPELLER FANS  
 PROPELLER AND CENTRIFUGAL POWER ROOF VENTILATORS  
 MEMBER OF AMCA  
 WEBSITE: WWW.COOLAIR.COM • E-MAIL: FANS@COOLAIR

BE SURE TO CHECK OUT  
 YOUR LOCAL CHAPTER  
 WEBSITE AT:  
**www.ashraejax.org**

**Liebert**

PAT NORRIS

CONDITIONED  
 AIR & POWER, INC.

11243-7 St. Johns Industrial Parkway South  
 Jacksonville, FL 32216 (904) 642-3369 FAX (904) 645-0355

**Carrier**

CUSTOM MADE INDOOR WEATHER<sup>SM</sup>

9093 Phillips Highway  
 Jacksonville, FL 32256  
 (904) 363-1991 PH  
 (904) 363-2077 FX

**BRONZ-GLOW**  
 A WORLD OF CORROSION PROTECTION

**Michael Bielamowicz**  
 Vice President Customer Service

175 Bronz Glow Way  
 St. Augustine, FL USA 32095  
 www.bronz-glow.com  
 email: mike.b@bronz-glow.com

**BRONZ GLOW**  
 Technologies Inc.

Corrosion Resistant Coating  
 Products & Services for:  
 HVAC/R, Coils, Cabinets, Ducting  
 and Industrial Applications

Toll Free 800-555-6385  
 Phone 904-825-0175  
 Fax 904-825-0122

**Call for Technology Awards Candidates**

Each year ASHRAE Technology Awards are presented to recognize outstanding achievements in building design by members in the areas of occupant comfort, indoor air quality, energy conservation and innovation.

Applications for award consideration begin at the Chapter level and are evaluated up through the Regional and Society levels to determine the winners in several building categories.

If you know of projects that you would like to have considered for this year's Technology Awards, please let me know. I am available to assist with all aspects of the award application. Eligibility requires that an ASHRAE member have had active involvement in the project and that it be in successful operation for at least one year at the time of entry.

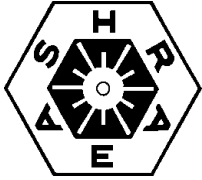
If you have projects that you would like to have considered, or require additional information please contact :

Rick Daber  
 Chapter TEGA Chair  
 ph: 904-394-7926  
 email: RDaber@wwgfa.com



The 2004 Chapter Regional Conference will be hosted by the Jacksonville Chapter in 2004. The planning for this event has already started, and the chapter needs your help. Hosting the CRC requires a large group of volunteers to help plan, direct, and participate in the event. If you are interested in helping the 2004 CRC Committee, please contact Suzanne LeViseur at:

**Blue Heron Consulting**  
**362 Osceola Avenue**  
**Jacksonville Beach, FL 32250-4056**  
**Business: (904) 246-0081**  
**FAX: (904) 246-6288**  
**E-Mail: sleviseur@blueheronengineering.com**



**Jacksonville Chapter of ASHRAE**  
11310 Rustic Wheel Court  
Jacksonville, FL 32257

**Attention: Karen Cole**

**ADDRESS SERVICE REQUESTED**

*Chapter May Not Act For Society*

## **MARK YOUR CALENDAR!**

**January 14<sup>th</sup>**                      **Chapter Meeting**  
**11:30-1:00 PM**

*Condenser Water Applications in Relation to  
Ice Thermal Storage and Energy Conservation*  
Radisson Riverwalk Hotel

**February 18<sup>th</sup>**                      **Chapter Meeting**  
**5:00 PM**

*Acoustics in Relation to Designing HVAC Systems*  
**Gainesville**

**February 21<sup>st</sup>**                      **President's Ball**  
*Timuquana Country Club*

**March 11<sup>th</sup>**                      **Lunch Meeting**  
*Membership Promotion, Research Promotion Recognition*  
Radisson Riverwalk Hotel

