

# FOG DISPENSER

Golden Gate Chapter



ASHRAE

VOLUME XXXIX - NUMBER 4

JANUARY 2001

## January Meeting Notice

*To accommodate the real millennium,  
we are holding our meeting on the 2<sup>nd</sup>  
Thursday!*

*Once again, we will be having a  
lunchtime meeting for January!*

**Date:** January 11, 2001

**Place:** World Trade Club, Suite 300 at the world famous Ferry Building in San Francisco.

**Time:** 11.30 am

**Cost:** \$35.00 Members and Guests with prior reservations, \$37.00 for Walk-Ins (food not guaranteed)

*All reservations must be received by John Wintermeyer by email at ASHRAE@atce.com or by fax (see form in this issue) to: (415)788-6040 by Monday, January 8th.*

As you may have read in the papers, the World Trade Club will be closing so that the renovations can begin on the Ferry Building. February will be the last time we will be at the World Trade Club in the Ferry Building. Stay tuned for our March meeting location.

## January Program:

### Building Science Research at UC Berkeley

#### Presentation

Dr. Brager will give an overview of research being done at UC Berkeley in the Center for the Built Environment (CBE). CBE is a University/Industry collaborative research center that serves as a unique model for how academia and the profession can work together to define research agendas and share results in a timely fashion. CBE's research falls into 2 broad categories: 1) the study of new technologies (e.g., underfloor air distribution, mixed-mode buildings, and wireless sensing), and 2) the development of methods for measuring building performance (e.g., web-based occupant satisfaction surveys, and productivity studies). Dr. Brager will talk about how CBE is set up to facilitate this collaboration, and will describe some of the research projects that are of the greatest interest to the HVAC industry.



Dr. Gail S. Brager received her Ph.D. in Mechanical Engineering from UC Berkeley, and has been on the faculty of UCB's Dept. of Architecture since 1984. She is an Associate Professor in the Building Science program, and the Acting Director of the Center for the Built Environment (CBE). Dr.

Brager is a Past-President of the ASHRAE Golden Gate Chapter, and has been actively involved with ASHRAE Society, particularly with TC 2.1 - Physiology and Human Environment, and Standards committee SSPC 55. She has also received numerous awards from ASHRAE, including the Distinguished Service Award, Crosby Field, Ralph G. Nevins, and Best Technical Paper.

# Golden Gate Chapter President's Message

## January 2001

Happy New Year ASHRAE members:

Now that the holidays are over and we are all back to work in the New Millennium, would you considered taking on some volunteer work for your Chapter?

The Golden Gate Chapter is hosting the ASHRAE regional meeting in May and we can sure use your help in the next few months. Please contact our esteemed Past President Mr. Mark Hydeman if you are able to help the Chapter. Mark can be reached at: [mhydeman@taylor-engineering.com](mailto:mhydeman@taylor-engineering.com), or 510-749-9135.

Thank You.

Respectfully yours,

Benjamin Sun

**Looking for the Chapter's Committee Chairs? Visit the web site:**

**[www.ggashrae.org](http://www.ggashrae.org)**

## SPRING 2001 COURSE OFFERINGS AT SFSU

School of Engineering at San Francisco State University is offering the following courses in the Spring semester starting January 29, 2001. We invite you to take your class of interest through open-university enrollment.

1. Principles of HVAC and Clean Room Technology: Offered MW16: - 17:25. The course includes application of Trace 7000 building simulation software.
2. Applied Stress Analysis: Offered on Tues. 12:10 - 2 pm (lecture), 2:10 – 5 pm lab. The course includes application of Pro-Engineer and Pro-Mechanical.
3. Process Instrumentation and Control: Offered on MW 17:35 – 18:50
4. Engineering Aspects of Air Pollution (Graduate): Offered Th18:10-20:55.

Please contact Professor Ahmad R. Ganji at (415) 338-7736 or [aganji@sfsu.edu](mailto:aganji@sfsu.edu) for further information.

## Have you moved?

Members, please help us keep track of you. If you have recently changed your address, phone, fax or email, please make sure that Society's database is up to date. Call 1-800-5-ASHRAE or change information on Society's website at <http://www.ashrae.org/>. If you want to make changes on-line follow these steps:

1. Click on "Membership Records" under the "Members-Only Section" (note you will need your membership # and pin which are on your membership card).
2. Click on "Address Change"
3. Enter your Name, Membership#, E-mail Address and any changed contact information
4. Click on submit

# EMPLOYMENT OPPORTUNITIES

**Taylor Engineering** is looking for HVAC design engineers to join us as we expand. We specialize in innovative large building HVAC and control system design, energy and indoor air quality analysis, and system commissioning. Current projects include the new GAP Headquarters building in San Francisco, GAP San Bruno Phase II, Electronic Arts II in Redwood City, Palm Inc. Campus in San Jose and the Title-24 Energy Standard for 2005. Prospective candidates must have a degree in mechanical engineering or a related degree, a thorough understanding of thermodynamics and fluid flow fundamentals and excellent presentation and writing skills. Candidates must be PC literate and have a working knowledge of Windows, Word, Excel, and AutoCAD. Design/build or field experience is also desirable. Excellent work environment in Alameda. High salaries for top performers.

Send resume to:

Glenn Friedman, Taylor Engineering, 1305 Marina Village Parkway, Alameda, CA

Tel: (510) 749-9135. Fax: 510-749-9136

E-mail: [gfriedman@taylor-engineering.com](mailto:gfriedman@taylor-engineering.com)

## ASHRAE RESEARCH REPORT Golden Gate Chapter

Many members of our Chapter probably do not realize that their Research contributions **DO** come back to our chapter and our San Francisco peers. Everyone who attended the November meeting at the Pacific Energy Center heard Gail Brager mention that the Center for Environmental Design Research at the University of California had just received great news from ASHRAE. Gail's group has received funding for 24 months of research on "The Effect of Personal Control And Thermal Variability On Comfort And Acceptability." Congratulations, Gail!

*Recent Corporate Honor Roll Investors (\$150.00 or more)*

<i>Redwood Empire Chapter, ASHRAE</i>	<i>R. F. MacDonald Company</i>
<i>Taylor Engineering</i>	<i>York International Corporation</i>
<i>Tempco Equipment Company</i>	

*Recent Individual Honor Roll Investors (\$100.00 or more)*

<i>Ron Eng</i>	<i>Dale Missimer</i>
<i>Glen Friedman</i>	<i>James Quinn</i>
<i>Frank Mayhew</i>	<i>Mike Scofield</i>

On behalf of the Chapter, I thank all of you who have approached me at Chapter meetings and given me your contribution. To those of you who have not yet contributed this year, I look forward to hearing from you soon.

**All contributions are tax-deductible and should be made to:**

**ASHRAE Research**

**c/o Cory Palmer**

**Norman Wright Mechanical Equipment Corp.**

**99A South Hill Drive**

**Brisbane, CA 94005**

**415-467-7600 phone / 415-467-0900 fax**

**[cpalmer@norman-wright.com](mailto:cpalmer@norman-wright.com) e-mail**

# GOLDEN GATE CHAPTER ROSTER

The Golden Gate Chapter's Roster is scheduled for publication at the end of January. You may include your company "non-advertisement" for the following charges.

Full-Page	\$ 150.00
Half-Page	\$ 100.00
Business Card (3 per page)	\$ 75.00

The prime locations for your full-page ad will be auctioned. The following locations will go to the corresponding bidder:

Back Cover	Highest Bidder
Inside Back Cover	Second Highest Bidder
Inside Back Page	Third Highest Bidder

The way that the auction will work is that the bids must be submitted in writing (fax or e-mail) to Robin H. James no later than the January meeting (January 11th). Upon winning the prime locations, the bidders will write two checks, one for \$ 150 for the full-page ad charge and the other for the remainder of their bid to ASHRAE Research. This way the contributing company will receive the recognition for their additional Research contribution.

As always, the artwork must be camera ready or in an electronic format. Artwork must be received no later than Friday, January 12, 2001.

At the same time as you place a non-ad in the Roster, why not consider placing the same non-ad and a listing on the Golden Gate Chapter web site? For all non-advertisers in the Roster, there is only a \$30 charge to provide your non-ad and listing on our web site, as long as the artwork is in electronic format. Future changes to the website non-ad or listing will be available at any time for only a \$10 charge with your new electronic file.

Do not forget to make sure that your database information is correct. If your listing in last year's Roster was incorrect or incomplete you must update the information with Society. Please contact them by phone (1-800-5ASHRAE) or through the Members-Only section of the website ([www.ashrae.org](http://www.ashrae.org)). Society's database information will be used for the Roster, so it's up to you to make sure that it is correct.

If you are just updating your information now, it is possible that Society may not get it updated in the database in time for the Roster publication. So you are welcome to also send the new date (in writing, via fax or e-mail) to Robin H. James. The Roster and Database Committees will make an attempt to manually correct the data – no guarantees!

Please send your bids, artwork, and updates to:

Robin H. James  
2129 Via Alta  
Benicia, CA 94510  
Wk: 707-745-5998  
Fax:707-745-5999  
E-mail: [rjames@belimo.com](mailto:rjames@belimo.com)

# ASHRAE'S Region X Chapters Regional Conference

The San Francisco ASHRAE Golden Gate Chapter is honored to host the Annual Region X Chapters Regional Conference (CRC) from May 3-5, 2001. This is a meeting of all 14 ASHRAE Chapters in the Western Region who come together to discuss chapter operations and to celebrate our successes. In attendance will be ASHRAE Board Members, Committee Chairs, Society Members, and ASHRAE members of each of the 14 chapters in Region X.

We are looking for sponsors for this special event. This is an opportunity for you to help the Golden Gate Chapter host one of the grandest meetings ever. Listed below are the sponsorship levels:

◆ **Diamond** (greater than \$1500)

- ◆ Special Mention of Sponsorship during Hornblower Yacht Cruise
- ◆ Special Mention of Sponsorship at Awards Luncheon
- ◆ Company Name & Sponsorship Level on Banner at Hornblower Yacht Cruise
- ◆ Company Name & Sponsorship Level on Banner at PG&E Energy Center
- ◆ Company Name & Sponsorship Level on Tricards placed on tables of every event
- ◆ Company Name & Sponsorship Level on Registration Package sent to all attendees

◆ **Platinum** (\$ 1,000)

- ◆ Special Mention of Sponsorship during Hornblower Yacht Cruise
- ◆ Special Mention of Sponsorship at Awards Luncheon
- ◆ Company Name & Sponsorship Level on Banner at Hornblower Yacht Cruise
- ◆ Company Name & Sponsorship Level on Banner at PG&E Energy Center
- ◆ Company Name & Sponsorship Level on Tricards placed on tables of every event
- ◆ Company Name & Sponsorship Level on Registration Package sent to all attendees

◆ **Gold** (\$ 500)

- ◆ Special Mention of Sponsorship at Awards Luncheon
- ◆ Company Name & Sponsorship Level on Tricards placed on tables of every event
- ◆ Company Name & Sponsorship Level on Registration Package sent to all attendees

◆ **Silver** (\$250)

- ◆ Company Name & Sponsorship Level on Tricards placed on tables of every event
- ◆ Company Name & Sponsorship Level on Registration Package sent to all attendees

◆ **Bronze** ( \$ 100)

- ◆ Company Name & Sponsorship Level on Tricards placed on tables of every event
- ◆ Company Name & Sponsorship Level on Registration Package sent to all attendees

All Sponsorship monies can be paid with a check to "ASHRAE Golden Gate Chapter". Please mail your checks no later than December 15<sup>th</sup> to Bob Levi at the following address:

Edward B. Ward  
Attn: Bob Levi  
337 Roebbling Rd.  
So. San Francisco, CA 94080

Thank you for your support and helping the Golden Gate Chapter host one of the grandest CRC meetings in Region X.

Submitted by: Robin H. James

## PAOE Self Reporting Form

*Please complete this form and fax back to Ernie French, (415)467-0900.*

Every year your board and committee chairs make a mad dash to report on member activities that result in Presidential Award of Excellence (PAOE) points. In general these are educational programs, presentations to professional groups and schools, and educational activities to encourage careers in engineering. These points, a relative of the fabled Brownie points, serve an important purpose: they force the Board of Governors to keep track of the ASHRAE related activities undertaken by our members. In turn they provide an oversight function for Society and Region of the Chapters and their operations. Please take a few minutes to fill out the attached form and return it to Ernie French. Each year we will post versions of this form on the chapter website and Fog Dispenser and have it returned to the Past-President who serves as the Chapter's PAOE Chair.

Code	Description
<b>X1</b>	Continuing education course (EX UC Berkeley HVAC/R Course) – not refrigeration related
<b>X2</b>	Continuing education course (EX UC Berkeley HVAC/R Course) – refrigeration related
<b>X3</b>	Technical program or paper to and outside organization or group – not refrigeration related
<b>X4</b>	Technical program or paper to and outside organization or group – refrigeration related
<b>X5</b>	Presentation on HVAC/R Technology to professional or business group
<b>X6</b>	Presentation to school about engineering and related technologies – K-12
<b>X7</b>	Presentation to school about engineering and related technologies – post high-school (e.g. college or trade school)

Name \_\_\_\_\_ Member #: \_\_\_\_\_

Code	Date	Length	Approximate Attendance	Description

## ASHRAE GOLDEN GATE CHAPTER - DINNER RESERVATION FAX

*For January 11, 2001*

**Email:** John Wintermeyer [ASHRAE@atce.com](mailto:ASHRAE@atce.com) *preferred method of communication!!!!*

**FAX:** (415) 788-6040

*If you cannot attend the meeting, please cancel your reservation by the Tuesday prior to the meeting.*

FROM: \_\_\_\_\_

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

Please make \_\_\_\_\_ reservation(s) for the following people (fill in names below):

\_\_\_\_\_

\_\_\_\_\_



**York International Corporation**  
7060 Koll Center Parkway  
Suite 312  
Pleasanton, CA. 94566  
Phone: 925-426-1188

**ZONE SALES MANAGER: Mike Webster 925-417-7202**

**SALES ENGINEERS: Greg Boyle 925-417-7206**

Glenn Cheek 925-417-7226

Allan Hampton 925-417-7209

John Mitchell 925-417-7220

Elaine Wang 925-417-7207

**SALES ASSISTANT: Paula Bramhall 925-417-7204**

**YORK INTERNATIONAL CORP. PROUDLY SUPPORTS ASHRAE RESEARCH**