

# THIN-AIR BULLETIN

NEW MEXICO CHAPTER      REGION IX      ALBUQUERQUE, NEW MEXICO

ASHRAE

AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR CONDITIONING ENGINEERS

April 2005

## Variable Flow Chilled Water Designs

Last month, we had an interesting talk by Bryan Im from Des Champs Technologies on LEED and Direct-Indirect Evaporative Cooling.

Variable Flow Chilled Water Designs is the topic of presentation this month.

Julian R. de Bullet has over 30 years experience in the HVAC industry. His career has concentrated on the applied use of Chilled Water and All-Air systems as a manager of applied equipment sales and as a manager of a service/performance contracting operation.

He is the Director of Industry Relations for McQuay International, based in Washington D.C. He is responsible for assisting McQuay customers and McQuay sales representatives in HVAC&R system design and specification. He acts as Industry liaison for McQuay.

As ASHRAE Vice President (2001/2003), he served on the Board of Directors and the Executive Committee and was Chair of Member Council and Publishing Council. He is Past President of the National Capital Chapter and was Director and Regional Chair for ASHRAE Region III. He is an ASHRAE Distinguished Lecturer.

He is a Graduate of the London University system in England, where he obtained an Electrical Engineering degree and a Diploma in Marketing.

**This month's meeting will be a day meeting on April 19<sup>th</sup> at 12:00 noon at Garduno's on the Green. Please RSVP by April 15<sup>th</sup> to Jason Moorhead at 505-821-2563 or email at [jason@mechrep.com](mailto:jason@mechrep.com). Email is preferred.**

## ***PRESIDENT'S MESSAGE***

Wow April 2005 and it sounds like we are all keeping ourselves so busy we do not even have enough time to keep up with the basics. Just a few things this month, which the board is hoping, helps you in these busy times.

On Wednesday the 13<sup>th</sup> of April, ASHRAE will be broadcasting "Mold In the Building Environment". This subject may not affect us too much here, but for those of us who do work outside of the state or in special situation it could be very valuable not to mention it will count towards your continuation education credits. Also, this month we will be having our meeting at Garduno's on the Green on the 19<sup>th</sup> at 12 noon. Please be sure and contact Jason Moorhead to reserve a spot for either or both of these events.

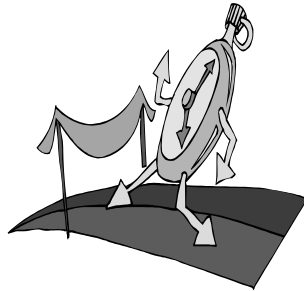
I look forward to seeing you this month and as always please contact any one of us on the board if there is anything that ASHRAE maybe able to help you with.

Take care,

David Graham

## ASHRAE Research Promotion

With the end in sight, we need your personal participation to cross the finish line. Thirty contributors at \$75 each will win our race for Research Promotion. That's a round of golf and beers for the foursome.



Every dollar raised for ASHRAE Research is used for research. ASHRAE is currently managing over \$11 million in research projects around the world and has many more approved projects just waiting for the funds to begin their research. That's why your financial support is needed and greatly appreciated. And if you can only see your way to smaller contribution, our gratitude is still the same.

Need to see value you for you money. Annual contributions total more than \$1.7 million and ASHRAE matches your contribution dollar-for-dollar from the proceeds of the annual winter AHR Exposition. Since ASHRAE pays all the fund raising expenses, **100% of every donor's invested dollar goes into the research program.**

That's value for your tax-deductible buck. Be one of the thirty, or better yet, one of the fifty that takes us over the top.

A special thanks to all of our board members, past and present for their consistent support at the \$100 level that has honored our chapter with the Full Circle Award from ASHRAE from its inception over ten years ago.

For more information on the Research Promotion project, email me at [jasperger@cresthvac.com](mailto:jasperger@cresthvac.com) or 344-5578, or send your check to *RESEARCH PROMOTION, 7005 4<sup>th</sup> St NW, Los Ranchos, NM 87107*

## Summer ASHRAE Meeting to be Held in Denver

ASHRAE's summer annual meeting will once again be hosted by Region IX from June 24 to June 29 in Denver, Colorado. This is yet another opportunity for our Region to show off the great ASHRAE volunteers we have and one of the most exciting cities in the Midwest.

The Welcoming Party, on Saturday, June 25, will be held at the Denver Museum of Nature and Science.

An excellent array of tours and mini-courses will be available.

We will be staying at the beautiful Adams Mark Hotel, which is within walking distance of numerous shops, boutiques and pubs. The Rocky Mountain Chapter will need some help rounding up monitors for the sessions, so be sure to give Dave Rodenberg, the General Chair, a call at 303-975-2100 or [drodenberg@long.com](mailto:drodenberg@long.com). For more information on the meeting, visit the ASHRAE website at <http://www.ashrae.org>



## From the History

### Books

March 1969

Chapter Officers were:



President:	William McCord
President-Elect:	Barc Barnett
Secretary:	Robert Friggens
Treasurer:	Peter Lujan

The speaker for the meeting was Bob McKee. He spoke about “Owning and Operating Costs of Air Conditioning Systems”.

It was announced in the Thin Air Bulletin that Frank Bridgers was nominated for the office of President Elect of ASHRAE.

Planning began for the 75<sup>th</sup> Anniversary of ASHRAE at the Chapter level. A formal celebration was celebrated at the 1969 Annual Meeting in Denver.

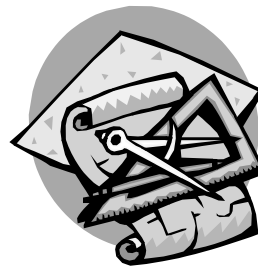
## STUDENT ACTIVITIES

The UNM Science Fair was a great success! I want to thank all the volunteer judges, Ed Fagyal of George Yardley Co., Jim Asperger of Crest Mechanical, and Dan Aguilar of Trane.

We were able to meet and have lunch before the judging and a few libations after. We all had a great time. Their time and effort was greatly appreciated. Be sure to thank them when you can.

There were a great number of energetic and sometime nervous students; especially with all our expert questions. Two Jr. exhibits (12 to 14 years old.) were selected for the ASHRAE achievement award. The winners will be invited to our May meeting.

Charlie Scoggin - Chair of Student Activities



## OBITUARY

Solar Pioneer and Civic Leader Frank Bridgers Dies at 83.

Mechanical engineer and long-time Albuquerque resident Frank Bridgers died unexpectedly at his home after a brief illness.

Bridgers came to national prominence in 1956 when he designed and built the Solar Building, located at 213 Truman St., N.E., in Albuquerque, now designated a historic landmark. It was the world's first commercial structure to use the heat of the sun as its primary source for interior heating. Bridgers is a member of the Solar Energy Hall of Fame. The Solar Building was featured in *Life* magazine in 1956.

Bridgers established the Albuquerque-based mechanical engineering firm of Bridgers & Paxton Consulting Engineers in 1951.

Bridgers served as national president of the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) in 1970-1971. He was awarded the professional society's highest recognition—the F. Paul Anderson Medal—in 1990.

Funeral services were held Friday, March 18, 2005

- APRIL MEETING -

SPEAKER: **Julian R. de Bullet**

TOPIC: **Variable Flow Chilled Water Designs**

DATE: **Tuesday April 19th, 2005**

LOCATION: Garduno's on the Green  
9401 Balloon Museum Drive

TIME: **12 noon**

TECHNICAL SESSION: none

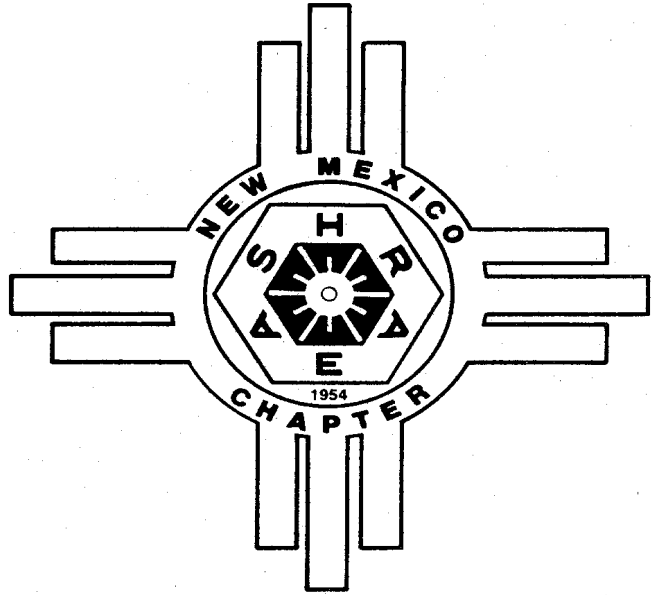
12:00 Lunch and Main Program

MENU: Mexican buffet

COST: \$ 15.00

All Costs are inclusive of tax and tip

RSVP: Friday, April 19th, to Jason Moorhead at  
505-821-2563 or **Jason@mechrep.com**



New Mexico Chapter of ASHRAE  
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The Johnston Company  
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505-343-8190  
505-343-9981 fax

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**Your contribution puts us closer to achieving our goal. Please send what you can today!**  
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\*Minimum for Honor Roll Recognition by Society

***Individual and corporate contributions advance industry research resulting in better products, installation methods, buildings and profits.  
Please invest in your future through ASHRAE RESEARCH.***

**Our chapter's thanks and society's gratitude are extended to the following**

**\$500 and above:**

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 W.M. Carroll & Co.  
 The Johnston Company  
 Mechanical Representatives  
 Public Service Co. of NM

**\$250 to \$ 499:**

Southwest Trane  
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**\$100 to \$ 249:**

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 Dr. Maurice Wildin  
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 Rivera Engineering

**Full Circle – \$100 per Board Member**

Jim Asperger  
 Dan Beckley  
 Dave Graham  
 Gary Grange  
 Dan Harmeyer  
 Jason Moorhead  
 Rich Reif  
 Charlie Scoggin  
 Charles Steele  
 Deward Stegall  
 JR Sunderman

**Up to \$100:**

Bruce Levin  
 Scott Salisbury  
 John Scott  
 Brad Turk

**Collected**

**\$11000**  
**\$10000**  
**\$9000**  
**\$8000**  
**\$7000**  
**\$6000**  
**\$5000**  
**\$4000**  
**\$3000**  
**\$2000**  
**\$1000**



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