



# CARE

## The News

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### **President's Message** by Bob Feathers

Hello to all! I certainly hope your school year is challenging as usual. There are always new ideas to be implemented, changes from administration and new hurdles to be overcome with our students. It surely takes an extraordinary person to be a teacher in today's world. We are professionals in our industry. Long hours are sometimes required and new obstacles around every corner and they are seldom boring. The real difference is, as everyone knows, the potential in our students, the need our industry has for skilled workers and you keep Doing it. My hat's off to all of you. Thank You!

This year's workshop seems to very well put together. Remember to thank our new association sponsors. Let's make this year's meeting the best we have had yet. And when you return home, be sure to tell a new constituent about CARE and the Workshop.

Earlier this year, I sent out new CARE certificates to all participants of the last two workshops. If you were left out, let me know. And I will add you to the list and send you a certificate.

I want to encourage more membership participation on the various Committees. Please look at the following list and the various duties then e-mail me and let me know how you would like to participate. We are working to establish a better network among our Membership.

#### **Workshop Committee**

- Make suggestions of topics that need attention by all instructors
- Identify Industry Contact Persons
- Develop a Network for Instructors to use for contact of Industry Resources
- Coordinate with Committee Chairperson 3-4 times a year
- Committee Chair will work with President of CARE to establish agenda for National Meeting

#### **By-Laws Committee**

- Review by-laws and recommend changes
- Coordinate with Committee Chair 2-3 times a year
- Report recommendations at National Meeting to be voted on by CARE Membership.

**Web Page Committee**

- Evaluate Website content
- Discuss changes needed for improvement
- Coordinate with committee chair via conference call 2-3 times a year
- Update members list and update web page yearly
- Indicate changes needed for a more proactive web-site to encourage networking among

instructors

**Membership Committee**

- Identify Industry related needs of membership
- Identify other schools and instructors who are not members
- Develop network to encourage new membership in CARE
- Work on member lists to be used for mailings to members. (i.e. newsletter, certificates, etc.)

Once again; Thanks for all of your hard work and dedication.

Bob Feathers, President, Council of Air Conditioning and Refrigeration Educators

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 A division of Isaac Heating and Air Conditioning, Inc.

I just had a conversation with a technician we recently hired away from another contractor. This fellow has 6 years experience installing and servicing heating and air conditioning equipment, a great mechanical aptitude, and one of those personalities you just enjoy having in your home. A great find for us!

As with all of our technical employees, we enrolled him in our Isaac University Training Program, and in my attempt to determine at what level he should appropriately enter our program, I took him down to the lab for a little AC troubleshooting. In analyzing a system we had “bugged” with a liquid line restriction, his first thought was to add refrigerant, a pretty common misdiagnosis if you aren’t looking at super heat and sub cooling. I asked him about that and what I found was he didn’t have a clue as to how to even measure these, let alone use that information in forming a diagnosis.

My thoughts raced immediately ahead to all of the “experienced” technicians out there who have been doing the job incorrectly for all of these years. What happens to the technical information they learned in school? How are employers putting techs in the field without what I consider to be pretty elementary skills? Once in the field, how are employers continually training experienced techs to keep up with the advances in the industry? What happens when

you send this technician on a 13 SEER TXV equipped piece of equipment? Pretty scary stuff!

What a terrific time to be an HVACR Educator. The need has obviously never been greater. Consider the potential impact each of us can have on the entire industry. Every employer wants well trained employees, and every educator wants classrooms full of eager students. As educators, we have a commodity at our disposal to sell! All we have to do is figure out a way to make our programs fit the needs of the industry. How flexible can we be in scheduling classes to allow working technicians the opportunity to attend them? How flexible can we be in taking our programs out of the traditional classroom and into the contractor's place of business?

At each of the Instructor's Workshops that I have attended, I hear an outcry about programs that are failing due to low enrollment, yet the need for training has never been greater. I encourage you to look at your programs with a skeptical eye, and see if we all are missing an opportunity to enhance our enrollments and positively impact our industry by being a little more "customer" focused.

### **CARE Workshop 2006 - Post Secondary Report**

**By Mark S. Peila, Vice President of Post Secondary Schools**

The CARE Post Secondary instructor's breakout session was well attended. A number of subjects were discussed that affected many our programs. A brief description of those discussions follows.

- Electrical licensing of HVAC/R technician. Some States require that technicians be licensed to install any low voltage or high voltage equipment or to service equipment that traditionally has been HVAC/R work. In some areas HVAC/R technicians are restricted to only installing and servicing electrical systems operating on less than 50 volts. From the discussions it appeared that licensing technician has proven to be a burden on the workers, employers and the States. Administrating these laws had proven to be very costly. It was the consensus of those attending to stay vigilant and try to oppose this type of licensing.
- There were some questions on how to complete the PAHRA accreditation process brought to the floor. A short discussion was held and it was recommended that they contact Bob Feathers, President of CARE or Ray Mach, ARI Educational Director for addition help. ARI should be able to provide some samples of materials submitted to PAHRA.
- On line training was brought up on floor. A number of instructors have been involved in this type of training and provided their insight. Many felt that a blended form of training using on line and actual hands on lab training was the best method. Hands on training can be provide by the instructor in a formal lab setting, proctored by a competent individual such as a shop owner or even video taped to be reviewed by the primary instructor at a latter date. On line training is not the answer to all training needs but can be very useful in some situations.
- Training non English speaking students is a real challenge facing instructors in many area of the country. The lack of text books and support material in the student's home language places an extra burden on these programs. Instructor shared information on resources available.
- The availability of software and information on CDs and how to acquire this information was shared among those instructors participating.

Once again this type of breakout session proved to be very valuable.

**The following companies support HVACR Programs with discounts, etc.**

Fluke	25% off	<a href="https://support.fluke.com/register/register.asp">https://support.fluke.com/register/register.asp</a>
Simutech	10% off for Workshop Attendees	<a href="http://www.simutechsystems.com/">www.simutechsystems.com/</a>
Malco Tools	10% School Discount	Contact Mike Janey <a href="http://www.Malco.com">www.Malco.com</a>
Klenk Tools	Student Award Program	Contact MartyMarcus <a href="http://www.klenktools.com">www.klenktools.com</a>
A.W. Sperry	Discounts, Samples	Contact Stephen DiRaffaele <a href="mailto:stephend@awsperry.com">stephend@awsperry.com</a>
Fieldpiece	10% Discount	Contact Paula T. Gallegos <a href="http://www.fieldpiece.com">www.fieldpiece.com</a>
Inficon	Discount on Tools	Contact JerryWander <a href="mailto:jerry.wander@infinicon.com">jerry.wander@infinicon.com</a>
Elite software	50% Educator Discount	<a href="http://www.elitesoft.com">www.elitesoft.com</a>

If you learn of a discount not on this list, please email it to me so we can add it. [dadyatt@datc.net](mailto:dadyatt@datc.net)