



## Maine Hospital Association

*presents*

# “New Solutions for the Energy & Environment Challenges of Healthcare Facilities” Webinar

**Thursday, August 26, 2010**

**2:30 p.m. - 4:00 p.m.**

### Overview:

In the face of increasing energy costs and concerns over global warming, health care facilities are being challenged to reduce energy expenses in their operating rooms, clinical areas, research laboratories and reception/common spaces while still providing a healthy and comfortable indoor environment. Add to this, the growing concerns over reducing airborne infections and validating the quality of the indoor environment and what is a health care facility engineer to do?

The answer often lies in improved monitoring of the indoor environment coupled with “smart” control of outside air. However, past approaches, particularly related to demand control ventilation or economizers for example have often had mixed results. Fortunately, a more successful solution for health care facilities has been developed that builds new solutions for these problems upon a novel sensing technology known as multiplexed sensing.

This webinar will present improved methods for monitoring the indoor environment and controlling outside air and building ventilation to learn how you can both improve the quality of the health care environment while also significantly reducing the facility’s operating expenses and green house gas emissions.

### Learning Objectives:

At the conclusion of the webinar, participants will:

- Understand how to optimize the control of outside air in research labs and health care areas where otherwise not mandated by AIA guidelines using an improved approach to demand control ventilation.
- Learn how to improve the control of humidity in operating rooms as well as in air handler units with a cost effective and maintainable approach to sense dewpoint and relative humidity.
- Understand how to cost effectively validate the quality of the indoor environment plus quantify some of the factors impacting particulate levels in the hospital that could affect airborne infection rates.

### Target Audience:

Hospital Engineering Staff

### Faculty:

**Gordon P. Sharp, Chairman, Aircuity, Inc.**

**Gordon Sharp** is the chairman of Aircuity, Inc. and has over 25 years of wide-ranging entrepreneurial experience and more than 25 U.S. patents in the fields of energy efficiency and laboratory controls. As founder, former president and CEO of Phoenix Controls, he led the development of this world leader in laboratory airflow controls that was acquired by Honeywell in 1998.

Mr. Sharp is a graduate of MIT with bachelors and masters degrees in electrical engineering. He is a member of the board of directors of the International Institute for Sustainable Laboratories, the nonprofit foundation that officially co-sponsors and operates the Labs21 conference. Mr. Sharp is also a member of the ANSI Z9.5 Laboratory Ventilation Committee and has testified before the US Congress on the topics of climate change and energy efficiency.

**Registration Fee:**

\$175 per site for MHA members  
\$275 per site for non-members

**The registration deadline is August 13, 2010.** Advance registration is required to ensure the delivery of instructional materials.

**Cancellation Policy:**

Cancellations made prior to the registration deadline (August 13) will be issued a refund, less a \$25 administrative fee. Cancellations made after August 13 will be charged 50% of the registration fee. No refunds will be issued for those who do not cancel in advance of the program.

**Connecting to the Program:**

All registration fees are per phone connection. Complete the attached registration form and return it to the Maine Hospital Association. Upon registering for the program, notify all participants and arrange a meeting room and speaker phone, if desired. At least three business days prior to the program, you will receive confirmation of your registration and instructions on logging into the program via email. You will also receive instructions on downloading the speakers' handouts via website. Approximately 5 to 10 minutes before the program, dial in to be connected to the session.

**If you have not received a confirmation notice 48 hours prior to the program, please call Leslie Gagne at (207) 622-4794 to confirm your registration has been received. Confirmation notices will be sent via email when available.**

**Registration Form**

**Webinar: New Solutions for the Energy & Environment Challenges of Healthcare Facilities  
August 26, 2010 / 2:30 p.m. - 4:00 p.m.**

**Important Note:** Information for accessing the program will be emailed to the following contact person prior to the program date.

Name and Title of Contact Person: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ ZipCode: \_\_\_\_\_

The registration fee is: **\$175** per site for **MHA members** / **\$275** per site for **Non-members**

The fee covers one telephone connection and includes a set of handouts (which can then be copied).

**Payment Method:**  Check enclosed (payable to RET)  Check being mailed  Credit Card

Credit card amount authorized \$ \_\_\_\_\_

Credit Card # \_\_\_\_\_

**Visa MasterCard Amex**

Exp. Date \_\_\_\_\_ Name on Card (*please print*) \_\_\_\_\_

Signature \_\_\_\_\_

Please send completed registration form along with payment to: Leslie Gagne, Maine Hospital Association, 33 Fuller Road, Augusta, Maine 04330 or fax (mail payment separately) to 207/622-3073. If you have questions, please call Leslie Gagne or Carol Sinclair at 207/622-4794 or by email at [lgagne@themha.org](mailto:lgagne@themha.org) or [csinclair@themha.org](mailto:csinclair@themha.org).

**Registration deadline is Friday, August 13, 2010.**