



# *The Institute of Critical Care Medicine*

35-100 Bob Hope Drive, Rancho Mirage, CA 92270

SPRING 2005

## **GRAND OPENING**

Riverside County Supervisor Roy Wilson, State Senator Jim Battin, Assemblyman John Benoit, Mayor of Rancho Mirage Ron Meepos and representative from Congresswoman Mary Bono, Lorena DaCosta presented proclamations to Dr. Max Harry Weil and his medical and engineering teams at the opening of their new headquarters. They joined more than 250 civic and social leaders who attended.

“We are so proud to have this facility in our city,” then Mayor Ron Meepos said. All applauded the Institute for its educational and research programs which are internationally known and which are a unique gift for Rancho Mirage and the entire Coachella Valley. It will continue to attract physicians, medical scientists and biomedical engineers from all over the world to its International Headquarters in Rancho Mirage.

Hosting were Tom Pitcher, ICCM Board Chairman and his wife, Mary Lou, Bill Marx, ICCM Trustee who with his wife, Barbara also serve as docents and toured guests though the beautiful new building. Docents were organized by Ms. Jeanne Parrish, herself a former Mayor of Rancho Mirage and Chairman of its Health & Medical Welfare Commission.



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## **DESERT HEALTHCARE DISTRICT AWARDS HALF MILLION DOLLAR GRANT TO ICCM**

The Institute of Critical Care Medicine has been awarded a two-year grant from the Desert Healthcare District of \$565,000 to initiate ICCM's three-year 1.9 million dollar project to better secure the survival of victims of sudden death due to cardiac arrest in the Coachella Valley. The goal is to improve survival by 25%. We are committed to this community effort, directed by Bary Freet, and seek the additional support to assure completion of this large and unique program. It is based on the use of new CPR learning kits, recently approved by the American Heart Association and supplied by the Laerdal Medical Corporation. Drs. Tang and Weil of the Institute have been in active collaboration with both the Heart Association and the Laerdal Corporation and participated in the development of the kits. The national spotlight will be on our community as we pursue this large effort to ultimately train 30,000 Coachella Valley adult residents.

Self-instruction kits will be distributed to residents 16 years and older with the collaboration of a diversity of public and private agencies. With the collaboration of local television outlets, the Institute will be able to supplement and complement the self-instruction with video demonstration of CPR and the use of automated defibrillators. We strive to greatly increase the capability of non professional rescuers and primarily bystanders to promptly act and to do so without fear. Such early intervention is likely to yield much greater benefit. Our mission is clear; it is to save many more lives. Unfortunately, fewer than one in 20 of the 450,000 victims of unexpected sudden death due to cardiac arrest in the United States are brought back to life. “The outcomes deserve to be better and we are committed to accomplish just that,” said Dr. Max Harry Weil.

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## GRAND OPENING

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We welcomed Councilman (and former Mayor) Harvey Gerber, Mayor Pro-Tem (and now Mayor) Alan Seman, Lori Sarner, a Trustee who heads the Friends of the Institute and is President of Pegasus Riding Academy for the Handicapped and her husband Harvey, an advisory board member. Rondi Edwards, the Chair of our local American Heart Association Chapter, philanthropists and civil leaders Peggy and Don Cravens and Earl Greenburg. Joe Solomon, Trustee and Development Committee chairman greeted the invitees together with Dr. Earl Mason, vice chair of the Board of Trustees, docents Shirley Kleckner and Larry Kelfer, Trustee Sam Spevack, Karen and Major General Kenneth Miles, Diane and Jim Conway, president of Rancho Mirage Rotary. Trustee Mary Smith and her husband, Dr. James Smith, flew to Rancho Mirage for the opening from Idaho as did Margery Weil's sons, Cardiologist Professor Neil Stone of Northwestern University and Attorney Edward Stone who traveled from Chicago to celebrate our opening.



## DR. MAX HARRY WEIL STEPS DOWN

At its annual meeting, Dr. Weil was elected Chairman of the Board of Trustees to begin July 1, 2005 and Mr. Tom Pitcher becomes Chairman Emeritus continuing as a Trustee after many years of devoted service and exemplary leadership.

Dr. Weil desires to step down from his position of President after 29 years. The Trustees have therefore established the office of the President for a transitional year with Executive Vice President Tang, Executive Director Freet and Dr. Weil sharing responsibility for executive management.

## WE ARE PROUD TO RECOGNIZE VOLUNTEERS WHO GIVE OF THEIR VALUABLE TIME AND PERSONAL EFFORT

**DOCENTS:** Kay Bell, Shirley Kleckner, Patricia Lasarte, Bill and Barbara Marx and Bernadette Paradis. **VOLUNTEER GREETERS & STAFF SUPOPRTERS:** Carmen Campos, Gerre Chudacoff, Katherine Donan, Marie Featherstone, Vicki Grayson, Larry Kelfer, Ann Lasko, Vejola Levin Honor Lofstrom, Jan McGuire, Fern Miller, Gloria Nelson, Colleen Noble, Athena Quesada, Patricia Renda, Ronald and Norma Schwartz, Patty Shenaman, Lainie Weil and Jeanne William. **VOLUNTEER COMPUTER SCIENTISTS:** Virgil Austring and Chris Noseworthy. **HONORARY LIBRARIAN:** George Viveiros. **FRIENDS:** Larry & Kay Bell, Dr. Gerald Benston, Lindi Biggi, Sherman Fridman, Chuck & Gayle Hodges, Robin & Nathan Kay, Larry Kelfer, Honor Lofstrom, Joseph & Deann Lubell, Norman & Grace Mark, Bill and Barbara Marx, Muriel Metheny, Tom O'Sullivan, Charles & Jeanne Parrish, Terry Roby, Lillian Sarner, Harvey & Lori Sarner, Ned & Robin Shankman and Ron Towers.

For volunteers for the docent program, telephone the Chairman of the Volunteer Program, Ms. Jeanne Parrish at 760-778-4911. We are continuing to search for talented volunteers including grant writers, software engineers, electrical/electronic engineers, mechanical engineers, electronic technicians and machinists. Please telephone Bary Freet, Executive Director, at (760) 778-4911.



*Docents (Left to Right): Bernadette Paradis, Patricia Lasarte, Kay Bell, Shirley Kleckner and Barbara Marx.*

## DESERT HEALTHCARE DISTRICT

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According to Michael Potter, ICCM operations director for the project, "The self instruction kits require only about 20 minutes of the learner's time to accomplish what formerly was taught in a 4-or-5 hour course conducted by a qualified instructor. After dialing 911, it still takes at least five minutes in most instances before paramedics arrive on the scene. If a family member or a bystander starts CPR immediately, prior to the arrival of the paramedics, likelihood that the patient will survive is greatly increased".

The use of AEDs will be demonstrated at the time of distribution of the kits to qualified residents and reinforced by TV public service demonstrations. ICCM will also continue under its auspices to expand the conventional training and courses for providers who are required to have American Heart Association or American Red Cross certification in basic and advanced cardiac life support.

We will begin to distribute self training kits and books and supply trainer AEDs to approximately 50 Coachella Valley sites, including shopping malls, senior centers, schools, civic organizations, religious centers and libraries. A large number of volunteers will be recruited to extend the capabilities of Institute personnel to distribute the kits, supplement training especially in AEDs, and secure the television demonstrations.

## THE SCIENTIFIC STAFF OF THE INSTITUTE HAS PUBLISHED EIGHTEEN PEER REVIEWED SCIENTIFIC PAPERS IN THE LAST 12 MONTHS.

Huang L, Weil MH Tang W, Sun S, Wang J. Comparison between dobutamine and levosimendan for management of post-resuscitation myocardial dysfunction. Crit Care Med 2005;33(3):487-491.

Pellis T, Weil MH Tang W, Sun S, Csapoz P, Castillo, C. Increases in both buccal and sublingual partial pressure of carbon dioxide reflect decreases of tissue blood flows in a porcine model during hemorrhagic shock. J Trauma 2005; 58(4): 817-824.

Weil MH. Defining hemodynamic instability. In: Pinsky MR, Payen D, eds. Update in Intensive Care and Emergency Medicine, Vol. 42. Functional Hemodynamic Monitoring. Ed. Vincent, J-L. Berlin, Springer Verlag, 2004, p. 9-17.

Cammarata G, Weil MH, Sun S, Tang W, Wang J, Huang L. Alpha-adrenergic blockade during cardiopulmonary resuscitation improves survival. Crit Care Med 2004;32(9 Suppl):S440-S443.

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**The Institute of  
Critical Care  
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*Saving Lives Through Intensive Care Research and Education*

**WE ARE GRATEFUL FOR THE SUPPORT THAT MADE IT POSSIBLE FOR US TO ESTABLISH OUR NEW HEADQUARTERS IN RANCHO MIRAGE**

**MAJOR CONTRIBUTORS:** Harvey & Angie Gerber, H.N. and Francis C. Berger Foundation, Greg & Eleanor LaRiviere, Earl & Penny Mason, Morrison Foundation, Rosse Family Charitable Foundation, Harvey & Lori Sarner, Joe & Corinne Solomon, Peter Solomon and VJ Blue Master Trust **MAJOR SUPPORTERS:** Anita Richmond Foundation, Dale Cowle, Kurt DeCrisis, Jay Falk, Jeff & Suzanne Feder, Ferguson & Brewer, Erwin Fromm, Frank Marshall, Michael McCarthy Foundation, Judith Melnick, Velma Morrison, Tom & Mary Lou Pitcher, Vinod Puri, Eric Rackow, Mary Smith, Edward Stone, Tyco Healthcare, Webb Foundation, Marianne Weil and Susan Weil. **INAUGURAL SUPPORTERS:** A&M Construction, Lawrence A. Cone, Coutts Heating & Cooling, Chuck & Rondi Edwards, Bary Freet, H.N. and Francis C. Berger Foundation, Bill Marx, Mascorro Concrete, Earl & Penny Mason, Merrill Lynch, Muriel Metheny, Major General Kenneth Miles, Velma Morrison, Pacific Western Bank, Tom & Mary Lou Pitcher, Eric Rackow, Tom Rosse, Jack Samuelson, Lori Sarner, Ed & Mona Sher, Mary Smith, Joe & Corinne Solomon, Peter Solomon, Samuel Spevack, Webb Foundation and Perry Zeigler.

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Huang L, Weil MH, Cammarata G, Sun S, Tang W. Nonselective alpha-blocking agent improves the outcome of cardiopulmonary resuscitation in a rat model. Crit Care Med 2004;32(9 Suppl): S378-S380.

Castillo C, Young C, Bisera J, Weil MH. Miniaturized chest compressor. Crit Care Med 2004;32(9 Suppl):S366-S368.

Young C, Bisera J, Gehman S, Snyder D, Tang W, Weil MH. Amplitude spectrum area: Measuring the probability of successful defibrillation as applied to human data. Crit Care Med 2004;32(9 Suppl):S356-S358.

Weil, MH, Tang W. Preface. Wolf Creek Conference VII: CPR: Addressing the Scientific Basis of Reanimation. Crit Care Med 2004;32(9 Suppl):S343-S344.

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