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Dear Colleagues,

I would like to invite you to a joint ACS Seminar and WCC Community Forum in Chemistry on Wednesday, October 21, 2009 (5:30-6:30 pm) at Akoakoa 105, Windward Community College.

## *"An Alternative Paradigm on the Cause of Cardiovascular Disease"*

by  
**Andrea Rosanoff, Ph.D.**

Please check the ACS-HI website for a copy of the flier  
<http://membership.acs.org/H/Hawaii/index.htm>

Heart Disease has long been a large health problem of the United States, with cardiovascular events bringing more deaths per year throughout the 20<sup>th</sup> Century and since than any other disease. Current paradigm of this tenacious health problem acknowledges that the root cause is primarily nutritional rather than being an infectious or toxicity disease. Buried in the peer reviewed literature is a vast amount of studies at the cellular, physiological, nutritional and population levels that strongly suggest that the root cause may be primarily a widely occurring but largely unacknowledged deficiency of nutritional magnesium. Evidence showing how nutritional magnesium deficit can explain all risk factors for heart disease will be presented along with data showing the current low status of nutritional magnesium in the United States.

Andrea Rosanoff, Ph.D. (UC Berkeley) is a Nutritional Biologist and Director of Research at The Center for Magnesium Education & Research, LLC in Pahoia, Hawaii. Her main research interests include development of the nutritional magnesium paradigm of cardiovascular disease, the role of magnesium nutrition in osteoporosis, diabetes, psychobiological and renal disease, generational effect on nutritional magnesium of the processed food diet, and the role of magnesium in stress reactions. Her recent publications include studies on Mg supplementation and hypertension and a comparison of magnesium supplements with statin pharmaceuticals. She co-authored a book entitled "The Magnesium Factor" in 2003 and produced an animated short video entitled "Balancing Calcium and Magnesium" in 2008.

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