October 7-9, 2011
The Beckman Center, Irvine CA
It is our pleasure to welcome conference attendees to the International Symposium for Acupuncture and Meridian Studies iSAMS held at the Beckman Center at the University of California, Irvine on October 7-9, 2011. This is the 7th conference for SAMs and the 4th international conference for the Samueli Center for Integrative Medicine and represents a joining of two organizations devoted to disseminating clinical and scientific information to the academic and clinical communities worldwide.

The purpose of the conference is to gather together a group of accomplished scientists and educators who will provide the latest advances in the basic and clinical topics of integrative medicine. The conference has several themes all devoted to the science of acupuncture and Oriental herbal supplements.

The focus of the conference is on neural mechanisms that underlie acupuncture's actions in treatment of cardiovascular disease, pain and other clinical areas for which it is applied. A major goal of the conference is to bring together authorities from around the world to provide an overview of the latest research in the science of traditional Oriental medicine. Keynote lectures and panel discussions, in addition to thematic presentations, will allow speakers to interactively participate with the audience.

The conference is being held at the lovely Beckman Center, the western home for the National Academies of Sciences and Engineering, located adjacent to the University of California, Irvine. The opportunity to learn exciting new developments and visit wonderful Southern California should make this conference enjoyable and valuable to all who attend.

We look forward to an interesting and lively conference and welcome you all to Southern California.

John Longhurst, MD, PhD
Professor of Medicine, Physiology and Biophysics, Pharmacology and Biomedical Engineering
Larry K Dodge Chair of Integrative Biology
Susan Samueli Chair of Integrative Medicine
Director, Samueli Center for Integrative Medicine
University of California, Irvine
Co-Chair, iSAMS Conference 2011

Tae Han Yook, KMD, PhD
Professor of Acupuncture and Moxibustion, Woosuk University
Director of Academics of The Korean Acupuncture & Moxibustion Society
Member of Academics of Korean Pharmacopuncture Institute
Co-Chair, iSAMS Conference 2011

Host: iSAMS 2011 Organizing Committee
Hosting Organizations: Susan Samueli Center for Integrative Medicine (SSCIM) & Korean Pharmacopuncture Institute (KPI)
Supporting Organizations: Korean Pharmacopuncture Institute (KPI), International Pharmacopuncture Institute (IPI), Society of Meridian and Acupoint (SMA)
7:00-8:20 am

**Opening Ceremony**

<table>
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<tr>
<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
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<tbody>
<tr>
<td>8:20-8:30</td>
<td>John Longhurst &amp; Tae Han Yook</td>
<td>Conference Co-chairs</td>
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<tr>
<td>8:30-8:35</td>
<td>Ralph Clayman</td>
<td>Dean, UCI School of Medicine</td>
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<tr>
<td>8:35-8:40</td>
<td>Judy Chu</td>
<td>US House of Representatives</td>
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<tr>
<td>8:40-8:45</td>
<td>Thomas Lee</td>
<td>CA Acupuncture Association</td>
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<tr>
<td>8:45-8:50</td>
<td>Kwang-Sup Soh</td>
<td>JAMS, Editor-in-Chief (Seoul National University)</td>
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<tr>
<td>8:50-8:55</td>
<td>Jongsoo Lee</td>
<td>President of Korean Oriental Medical Society</td>
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9:00-9:30

**Registration and Breakfast**

**Moderators: Richard Harris, Jongsoo Lee**

**Analgesic Effects of Acupuncture**

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<tbody>
<tr>
<td>9:30-10:30</td>
<td>John Longhurst &amp; Ka-kit Hui (Video)</td>
<td>Acupuncture from east to west: From research to clinical practice</td>
<td>60 min</td>
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<tr>
<td>10:30-11:00</td>
<td>Steve Chamberlin (AMS)</td>
<td>Skin conductance at 24 source (yuan) acupoints in 8637 patients: Influence of age, gender and time of day</td>
<td>30 min</td>
</tr>
<tr>
<td>11:00-11:30</td>
<td>Agatha P. Colbert (AMS)</td>
<td>Electrodermal activity at acupoints: Literature review recommendations for reporting clinical trials</td>
<td>30 min</td>
</tr>
<tr>
<td>11:30-12:00</td>
<td>Gerhard Litscher (AMS)</td>
<td>Violet laser acupuncture—part 1: Effects on brain circulation</td>
<td>30 min</td>
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12:00-1:00 pm

**Lunch**

**Moderators: John Longhurst, Hwa-Seung Yoo**

**Research and Application of Oriental Medicine in the US**

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<tbody>
<tr>
<td>1:00-1:30</td>
<td>Shin Lin</td>
<td>US national priorities for research in complementary and alternative medicine: Emphasis on pain/stress relief therapies and herbal medicine</td>
<td>30 min</td>
</tr>
<tr>
<td>1:30-2:00</td>
<td>Jean-Louis Bélard</td>
<td>Military applications of acupuncture</td>
<td>30 min</td>
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**Moderators: Peng Li, Sungtae Koo**

**Acupuncture: Arthritis and Pain**

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<tbody>
<tr>
<td>2:00-2:30</td>
<td>Lixing Lao</td>
<td>Acupuncture in inflammatory disease: Use and mechanisms</td>
<td>30 min</td>
</tr>
<tr>
<td>2:30-3:00</td>
<td>Tadashi Hisamitsu</td>
<td>Mechanisms of acupuncture's action in arthritis and immune modulation</td>
<td>30 min</td>
</tr>
<tr>
<td>3:00-3:30</td>
<td>Shu-Ming Wang</td>
<td>Clinical observations of auricular acupuncture in the perioperative setting</td>
<td>30 min</td>
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</tbody>
</table>
| 3:30-4:00| Panel Discussion             | **Moderators: Peng Li, Sungtae Koo**
|            |                              | 1. Why can acupuncture treat different diseases? Are acupuncture's actions related only to opioids? | 30 min   |
|            |                              | 2. How reliable are maps of auricular acupuncture?                    | 30 min   |

4:00-4:30

**Tea Break**

**Time**

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<thead>
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<tr>
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<td>60 min</td>
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<tr>
<td>4:00</td>
<td>Tea Break</td>
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</table>
**Moderators: John Longhurst & Kwang-Sup Soh**  
**Primo Vascular System and Meridian**

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<th>Title</th>
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<tbody>
<tr>
<td>4:30-5:00</td>
<td>Kwang-Sup Soh</td>
<td>Primo vascular system in brain and acupuncture meridian</td>
<td>30 min</td>
</tr>
<tr>
<td>5:00-5:20</td>
<td>Chaejeong Heo (AMS)</td>
<td>The study of primo-vascular system (PVS) by utilizing melanoma tumor model with green fluorescence protein (GFP) expressing mouse</td>
<td>20 min</td>
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<tr>
<td>5:20-5:40</td>
<td>Ping An (AMS)</td>
<td>Primo-vascular system in mesentery of rats and cancer metastasis</td>
<td>20 min</td>
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<tr>
<td>5:40-6:00</td>
<td>Taehee Han (AMS)</td>
<td>Viability assessment of primo-node slices from organ surface primo-vascular tissues in rats</td>
<td>20 min</td>
</tr>
</tbody>
</table>
| 6:00-6:30  | **Panel Discussion**     | **Moderator: Kwang-Sup Soh**  
1. Primo vascular system as a new circulatory system and its implication for pharmacopuncture  
2. Primo vascular system and cancer                                                                 | 30 min   |

**6:30-7:30**  
**Poster Presentation and Reception**
### Agenda

**Saturday, October 8, 2011**

#### 7:00-8:00 am  
**Breakfast**  

60 min

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:00-9:00</td>
<td><strong>Cardiovascular Actions of Acupuncture</strong></td>
</tr>
<tr>
<td>9:00-9:30</td>
<td>Peng Li (Key Note Speaker)</td>
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<tr>
<td>9:30-10:00</td>
<td>John Longhurst</td>
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<tr>
<td>9:30-10:00</td>
<td>Stephanie Tjen-A-Looi</td>
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<tr>
<td>8:00-9:00</td>
<td>Fifty years of acupuncture study: Insights into its action on homeostasis</td>
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<tr>
<td>9:00-9:30</td>
<td>Acupuncture treatment of hypertension</td>
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<tr>
<td>9:30-10:00</td>
<td>Clinical relevance of point specificity and prolonged action with acupuncture treatment</td>
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</tbody>
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#### 10:00-10:30 am  
**Tea Break**  

30 min

#### 10:30-11:00 am  
**Yong Huang (AMS)**  

Heart rate variability changes during acupuncture: a naturalistic clinical study using fourier analysis and sample entropy  

30 min

#### 11:00-11:30 am  
**Wei Zhou**  

Parameters of acupuncture stimulation in treating hypertension and ischemia-reperfusion injury  

30 min

#### 11:30-12:00 am  
**Shintaro Ishikawa (AMS)**  

Promotion of blood fluidity by inhibition of platelet adhesion using electroacupuncture stimulation  

30 min

#### 12:00-1:00 pm  
**Lunch**  

60 min

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1:00-1:30</td>
<td><strong>Actions of Acupuncture</strong></td>
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<tr>
<td>1:00-1:30</td>
<td>Stephen E DiCarlo</td>
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<tr>
<td>1:30-1:40</td>
<td>Shaista Malik</td>
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<tr>
<td>1:40-2:00</td>
<td>Federico Lombardi (Video)</td>
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<tr>
<td>2:00-2:30</td>
<td>Elizabet Stener-Victorin</td>
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<tr>
<td>2:30-3:00</td>
<td><strong>Panel Discussion</strong></td>
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<tr>
<td></td>
<td>Moderator: Stephanie Tjen-A-Looi</td>
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<tr>
<td></td>
<td>1. Manual vs. electroacupuncture</td>
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<td>2. Low vs. high frequency stimulation</td>
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#### 3:00-3:30 pm  
**Tea Break**  

30 min

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>3:30-4:30</td>
<td><strong>An overview of Korean pharmacopuncture</strong></td>
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<tr>
<td>3:30-4:30</td>
<td>Myeong Soo Lee (Key Note Speaker)</td>
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<tr>
<td>4:30-5:00</td>
<td>Hwa-Seung Yoo</td>
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<tr>
<td>5:00-5:30</td>
<td>Sungtae Koo</td>
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<tr>
<td>5:30-6:00</td>
<td>Ki Rok Kwon</td>
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<tr>
<td>6:00-6:30</td>
<td><strong>Panel Discussion</strong></td>
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<td></td>
<td>Moderators: Christopher Zaslavski, Beom Yong Song</td>
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<tr>
<td></td>
<td>1. Effects and safety of pharmacopuncture</td>
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<tr>
<td></td>
<td>2. Clinical efficacy of herbals</td>
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#### 6:30-8:30 pm  
**Dinner**
7:00-8:00 am  
**Breakfast**  
60 min

**Moderators: Elisabet Stener-Victorin, Eun Yong Lee**

**Effects of Acupuncture-1**

- **8:00-9:00**  
  Fabrizio Benedetti  
  (Key Note Speaker)  
  Neurobiological mechanism of acupuncture’s placebo action  
  60 min

- **9:00-9:30**  
  Richard Harris  
  MRI imaging to study the actions of acupuncture  
  30 min

- **9:30-10:00**  
  Hong-Qi Zhang  
  The role of acupuncture in treatment of epilepsy  
  30 min

**Panel Discussion**

**Moderators: Elisabet Stener-Victorin, Eun Young Lee**

1. Methods of acupuncture study  
2. How is the meridian hypothesis best studied?

10:30-11:00  
**Tea Break**  
30 min

**Moderators: Stephen E DiCarlo, Sung Chul Kim**

**Effects of Acupuncture-2**

- **11:00-11:30**  
  Christopher Zaslawski  
  Issues associated with blinding participants in acupuncture and herbal medicine clinical trials  
  30 min

- **11:30-12:00**  
  Sae Uchida  
  Brief acupuncture for treatment of cardiovascular disease  
  30 min

12:00-1:00 pm  
**Lunch**  
60 min

1:00-1:30  
**Omar Z. Ameer (AMS)**  
In Vitro pharmacodynamic profile of loranthus ferrugineus: Evidence for noncompetitive antagonism of norepinephrine-induced vascular contraction  
30 min

1:30-2:00  
**Ying Xia**  
Electroacupuncture-induce neuroprotection against ischemic cerebral injury  
30 min

2:00-2:30  
**Panel Discussion**  
**Moderators: Stephen DiCarlo, Sung Chul Kim**

1. Short vs. prolonged acupuncture  
2. Acupoint specificity

2:30-3:00  
**Mahtab Jafari**  
Fundamental studies on rhodiola rosea, an herbal adaptogen  
30 min

3:00-3:30  
**Yun Zhang**  
Tongxinluo for atherosclerotic vulnerable plaques  
30 min

3:30-4:00  
**Tea Break**  
30 min

4:00-4:30  
**Ling-Ling Yang**  
Treatment of cardiovascular disease and pain with herbas  
30 min

**Yue-Jin Yang**  
Tongxinluo treatment of ischemic heart disease a Chinese herbal adaptogen  
30 min

4:30-5:00  
**Jing Yan Han**  
Clinical role of cardiotonics in treating heart attacks  
30 min

**Panel Discussion**

**Moderators: Wadie Najm, Jong Cheon Joo**

1. Effects and safety of herbs  
2. Clinical efficacy of herbals

5:00-5:30  
5:30-6:00  
6:00-6:20  
6:20-6:40  
6:40-7:00  
**iSAMS 2012 (Australia)**  
Christopher Zaslawski  
**Poster Committee**  
**Poster Awards**  
**John Longhurst**  
**Concluding Ceremony**  
20 min  
20 min  
20 min

**Agenda Subject to Change**
**Dr. Peng Li** has been Professor and Chair of the Department of Physiology, Shanghai Medical College of Fudan University (SHMU) and Vice Chair of the National Key Lab of Medical Neuroscience, China. In 1983-84, he was an Honorary Research Fellow at the Medical School of Birmingham University, UK.

Dr. Li is studying the effect of acupuncture on cardiovascular diseases since 1950s. He has published 147 papers, and three monographs; received nine 1st and 2nd Class Awards from the Chinese Ministry of Health and the Educational Committee of China, and was honored as a “National Advanced Scientist in the Universities of China” and “Young and Middle-Aged Outstanding Specialist of China” in 1990. He has been a member of the Council of Chinese Physiological Society, IUPS, British Physiological Society, American Physiological Society, Neuroscience and IBRO. He has been a Visiting Professor of University of Occupational and Environmental Health in Japan (1991, 1992), and in UC Davis, USA (1997).

In 1999 Dr. Li was invited to UCI as a visiting professor and researcher, and is now a project scientist in the Susan-Samueli Center for Integrative Medicine, School of Medicine at UC Irvine, and also a licensed acupuncturist in California. He helped Dr. Longhurst to apply for several NIH R01 grants and two smaller grants to study the neural mechanism of acupuncture in both animal and clinical investigation, and also for organizing four International Scientific Conferences. He organized a group to study the references of Chinese herbal formulas. Dr. Li is now studying the mechanism of long-lasting and homeostatic effect of EA on cardiovascular functions.

**Myeong Soo Lee** is the director of Brain Disease Research Center at the Korea Institute of Oriental Medicine, Daejeon, South Korea. He is also an Honorary University Fellow at the Complementary Medicine, Peninsula Medical School, University of Exeter, UK.

Myeong Soo Lee received his BSc and MSc in Physics (Condensed Matter Physics) from Pusan National University, Korea in 1992. He studied at the Department of Qi-Medicine, Institute of Biotechnology, and Center for Integrative Medicine, Institute of Medical Science, Wonkwang University, Korea as a Researcher for 10 years. He received his PhD degree in 2004 from the Professional Graduate School of Oriental Medicine, Wonkwang University, Korea. He studies evidence based medicine for complementary medicine at Complementary Medicine, Peninsula Medical School for 3 years as visiting researcher. He is a founding member of International Society of Complementary Medicine Research and currently a board member. He is also working as editorial board member in Complementary Therapies in Medicine, Evidence-Based Complementary and Alternative Medicine, Focus of Alternative and Complementary Therapies, Journal of Chinese Integrative Medicine, Chinese Medical Journal, Journal of Ginseng Research, Journal of Acupuncture and Meridian Studies, Chinese Medicine (Biomedical Central, UK), Journal of Acupuncture and Tuina Science, International Journal of Clinical and Experimental Medicine, Oriental Pharmacy and Experimental Medicine and several domestic journals. He has published over 200 articles including original paper, reviews and book chapters related with above mentioned fields.

He has been investigating the psychoneuroimmunological effect of mind-body medicine including qigong and tai chi, and other aspects of CAM. His team in KIOM has focused on the standardization of syndrome identification for stroke in the point of view of Oriental Medicine. He is currently working on systematic reviews and designing clinical trials assessing the efficacy of several types of complementary therapies for various health conditions.

**Fabrizio Benedetti, M.D.** is Professor of Physiology and Neuroscience at the University of Turin Medical School and at the National Institute of Neuroscience, Turin, Italy. He has been nominated member of The Academy of Europe and of the European Dana Alliance for the Brain. He was consultant of the Placebo Project at the US National Institute of Health and member of the six strong Placebo Study Group at Harvard University. He identified some basic mechanisms of placebo responses across a variety of medical conditions, such as the involvement of endogenous opioids in placebo analgesia and of cholecystokinin in nocebo hyperalgesia, as well as the neuronal circuit that is affected by placebos in Parkinson's disease. He is author of the book *Placebo Effects* (Oxford University Press 2008), which received the Highly Commended Book Award of the British Medical Association, and *The Patient's Brain* (Oxford University Press 2010).

For updated conference information and speaker’s biosketch visit: [http://www.sscim.uci.edu/ISAMS/Speakers.htm](http://www.sscim.uci.edu/ISAMS/Speakers.htm)
Need for Activity Statement:
Literature states that we have little information on the use of acupuncture to treat cardiovascular disease and cardiovascular risk factors. Literature indicates a paucity of clinical trials to assess the clinical efficacy of herbal supplements. Some have been shown to be useful in treating cardiovascular disease. Others have no clinical studies to show efficacy. (References 1 – 7)


Target Audience:
Acupuncturists, Chiropractors, Herbalists, Interested Public, Naturopaths, Nurses, Pharmacists, Physicians, Researchers, Students

Learning Objectives:
1. Discern central and peripheral neural actions of acupuncture in treatment of hypertension, atherosclerosis, arrhythmias, arthritis and inflammation.

2. Recognize cardiovascular actions of herbal medicine to treat atherosclerosis and coronary vascular function.

Accreditation:
The University of California, Irvine School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Designation statement:
The University of California, Irvine School of Medicine designates this live activity for a maximum of 22.0 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

General Disclosure Statement:
It is the policy of the University of California, Irvine School of Medicine and the University of California CME Consortium to ensure balance, independence, objectivity, and scientific rigor in all CME activities. Full disclosure of conflicts and conflict resolutions will be made prior to the activity in writing via handout materials, insert or syllabus.

AB 1195 Statement:
This activity is in compliance with California Assembly Bill 1195, which requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. For specific information regarding Bill 1195 and definitions of cultural and linguistic competency, please visit the CME web site at www.cme.uci.edu

ADA statement:
In compliance with the Americans With Disabilities Act, we will make every reasonable effort to accommodate your needs. For any special requests, please contact Denise Pooler, dpooler@uci.edu, 949.824.5763 on or before 9/23/11.

Continuing Education Units (CEUs): ISAMS is approved for 22.0 AMA PRA Category 1 Credit(s)™. The California Acupuncture Board has approved 22.8 Category 1 CEUs. The National Certification Commission for Acupuncture and Oriental Medicine (NCCAOM) has approved 24 PDA points.