

***Science and Engineering Council of Santa Barbara:
October Luncheon***

Elephant Bar Restaurant, Thursday, October 11, 2007 12:00-1:30

----- THIS MONTH'S TOPIC -----

Global Warming – Science and Society

David Lea, Department of Earth Science, UCSB

Global warming poses one of the greatest challenges ever faced by our society. It is intertwined with virtually every major issue of the day, from the energy we use to the coastal cities we inhabit. Controversy exists about virtually all aspects of global warming, from the science that underpins it to the political alliances forged around it, from recognition of its societal impacts to how we as a nation should respond to it. This talk highlights the major issues surrounding global warming and attempts to shed light on its potential impact, the options we have to stop it, and the likelihood of catastrophic climate change if we choose not to.

----- PRESENTER -----



David Lea is a Professor of Earth Science and member of the Marine Science Institute at UCSB, where he has been a faculty member since 1989. He received his Ph.D. in Oceanography from the Massachusetts Institute of Technology – Woods Hole Oceanographic Institute Joint Program in 1990. His research interests include climate change, global warming, climate evolution during the Ice Ages, marine geochemistry and the carbon cycle. He has published 78 scholarly papers on these topics, including 16 in *Science* and *Nature*. Professor Lea has been a Visiting Professor at the University of Chicago and University of Cambridge, UK. His awards include the UCSB Academic Senate Distinguished Teaching Award, a John Simon Guggenheim Fellowship, a Leverhulme Visiting Professorship, a Clare

Hall Visiting Fellowship (Cambridge, UK), and the American Geophysical Union Cesare Emiliani Lectureship. He chaired UCSB's 2007 *Global Warming--Science and Society* series.

----- OTHER INFORMATION -----



\$14 SEC members, \$20 non-members.

Information: Barbara Keaney (E-mail scieng@silcom.com) or call (805) 684-4927.

Reservations not required. **Visit our web page at <http://www.scieng.org>**

Elephant Bar Restaurant: 521 Firestone Road, off Hollister

-- near airport administration, in Goleta.

From the Co-Presidents: Fall is here, and this month we are pleased to welcome two new members: **Tech Exec Partners Inc.** of Calabasas, a corporate member, and **Dr. Richard Forde** of Santa Barbara, an individual member. Please join us in October to discuss climate change issues with one of our local experts. As always, we appreciate your ideas for speakers and topics of interest, and your feedback – feel free to contact Barbara at the email address above with your thoughts for the SEC programs.

Tim Murphy and Gary Kravetz