

Dear Friends at **Solar NV** and **Sunrise Sustainable Resources Group**,

The School of Architecture at UNLV is pleased to invite your members to the **Fall 2006 Klai Juba Lecture Series**. The theme of this fall's series will be **"The 2030 Challenge: Environmental Design in the Face of Climate Change."**

With the generous support of Klai Juba Architects, and in coordination with the Natural Energies Advanced Technologies (NEAT) Laboratory, Pliny Fisk III, John Reynolds, and Dr. Sue Roaf will offer in addition to their lectures a half-day workshop open to the public. For more details on these workshops and pre-registration information please contact Mr. Daniel Overbey, Research Assistant at the NEAT Laboratory (email: overbeyd@unlv.nevada.edu or call the NEAT Laboratory at 895-2767).

Edward Mazria – September 25th at 6:30 PM

Internationally renowned architect Edward Mazria has practiced and promoted environmentally responsive architecture for over three decades and today he is the driving force behind the 2030 Challenge – an effort to produce carbon neutral buildings by the year 2030. In addition to *The Passive Solar Energy Book* published by Rodale Press, Mr. Mazria has published numerous articles appearing in a diverse array of periodicals including Architectural Record, Progressive Architecture, Metropolis, and The Wall Street Journal. Mr. Mazria has received many awards and recognitions for his work including an AIA Design Innovation Award, a Commercial Building Award from the Department of Energy, the 1999 Outstanding Planning Award from the American Planning Association, and the Passive Solar Pioneer Award from the American Solar Energy Society. He has taught at numerous institutions around the country and spoken extensively throughout the United States, Europe, Asia and Latin America and is principal in charge of design for Mazria Inc. Odems Dzurec in Santa Fe, New Mexico. For more information visit : www.architecture2030.org

Pliny Fisk III – October 20th at 7:00 PM (workshop October 21st at 8:30 AM)

Pliny Fisk III is one of today's most recognized leaders in the field of sustainable design and environmentally sensitive land planning. In 1975, he founded the Center for Maximum Potential Building Systems (CMPBS) in Austin, Texas where he and his team work to develop approaches, methods, and materials to optimize a building's environmental performance. Mr. Fisk has taught at numerous institutions around the country, most recently as an Associate Professor at Texas A&M. Mr. Fisk and the CMPBS have received numerous awards for their efforts including the United Nations Earth Summit Award for Exemplary Public Environmental Initiative for the City of Austin's Green Building Program. He has also received the Passive Solar Pioneer Award from the American Solar Energy Society and most recently he was made honorary chairman of the first Texas Clean Energy Congress.

John Reynolds – November 1st at 7:00 PM (workshop November 2nd at 8:30 AM)

Elected a Fellow of the American Institute of Architects in 2003, John S. Reynolds is one of the nation's foremost authorities on passive solar design. Mr. Reynolds has received numerous recognitions for his work in solar design including the Passive Solar Pioneer

Award from the American Solar Energy Society and a Portland AIA Honor Award in the 1999 Architecture + Energy Competition. He is also a very active member of several national and international organizations. Mr. Reynolds is a member of the Board of Directors for the Energy Trust of Oregon, the American Solar Energy Society, and the International Solar Energy Society. Mr. Reynolds, a widely published author of text books in Architecture, recently presented in his book *Courtyards: Aesthetic, Social, and Thermal Delight* published by Wiley and Sons Inc. the results of his research on the use and benefits of courtyards in buildings. He is currently a Professor of Architecture, Emeritus at the University of Oregon, Eugene and recipient of the ACSA Distinguished Professor Award.

Dr. Susan Roaf – November 6th at 7:00 PM (workshop November 7th at 8:30 AM)

Dr. Susan Roaf, City Councilor for the city of Oxford, England and Professor at Oxford Brookes University is one of the United Kingdom's leading experts in environmentally sensitive design. Although her main locale remains England, Dr. Roaf brings authoritative knowledge in sustainable desert design from her research in Iran where traditional societies utilized principles of design to create comfortable living conditions in a climate not unlike that of Las Vegas. Dr. Roaf has demonstrated through the design of her own residence, dubbed the Ecohouse, how passive and active solar technologies can be successfully integrated in residential buildings. She is also an accomplished and widely published author. Her more recently published books *Ecohouse*, *Ecohouse 2*, and *Adapting Buildings and Cities for Climate Change* published by Architectural Press explore the importance and benefits of sustainable design and the risks posed by climate change to our cities and buildings. Dr. Roaf is a member of the Royal Institute of British Architects and a Fellow of the Royal Society of Arts.

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