

Science and Engineering Council of Santa Barbara: February Luncheon

(The SEC accepts cash or check at the door. We're not equipped to process credit cards)

Elephant Bar Restaurant, Thursday, February 9, 2012 - 12:00-1:30

- This Month's Topic -

The *Unite to Light* story: Using technology to provide clean, reliable electricity to developing countries

Unite to Light, Inc., is a nonprofit entity based in Santa Barbara which designs, manufactures and distributes low cost solar powered lighting to citizens of developing countries. The lights offer an alternative to the unhealthy, unsafe, and environmentally toxic lighting fuels, such as kerosene, which are used around the world by over 1.5 billion people. After testing, the first delivery of lights was made to a single country in January, 2011. Ten months later, the organization had passed the 10,000 light mark; lights had been sent to 24 countries on 4 continents; partnerships were in place with organizations such as Rotary and Direct Relief International; and 13,000 more lights were on order through two additional factories.

- Presenters -

Dr. John Bowers, Board Chairman and Claude Dorais, Director and President *Unite to Light*



Dr. John Bowers holds the Fred Kavli Chair in Nanotechnology, and is the Director of the Institute for Energy Efficiency and a Professor in the Departments of Electrical and Computer Engineering and Materials at UCSB. He is a cofounder of Aurion, Aerius Photonics and Calient Networks. Dr. Bowers received his M.S. and Ph.D. degrees from Stanford University and worked for AT&T Bell Laboratories and Honeywell before joining UC Santa Barbara. Dr. Bowers is a member of the National Academy of Engineering, a fellow of the IEEE, OSA and the American Physical Society, and a recipient of the OSA Holonyak Prize, the IEEE LEOS William Streifer Award and the South Coast Business and Technology Entrepreneur of the Year Award. He has

published eight book chapters, 450 journal papers, 700 conference papers and has received 52 patents. He and coworkers received the EE Times Annual Creativity in Electronics (ACE) Award for Most Promising Technology for the hybrid silicon laser in 2007.

Claude Dorais is a founding partner and full-time attorney in Dorais, McFarland, Grattan & Polinsky Law Corp., Santa Barbara. Mr. Dorais has practiced law for over 35 years in the areas of insurance regulatory and business law, risk management and transfer law, and estate planning. A former Co-Chair of the Estate Planning Section of the Santa Barbara County Bar Association, Mr. Dorais is also an invited member of the Federation of Regulatory Counsel, and admitted to practice before all Courts in the State of California, the United States Supreme Court, the Ninth Circuit Court of Appeals and the California Northern and Central District Courts. He has taught courses on insurance and risk management, testified as an expert witness on insurance business and regulatory matters, and has handled matters before the insurance regulators of all fifty States and the District of Columbia.

- Other Information -



\$15/SEC members, \$20/non-members. Cash or check only. Reservations not required.

Info: Barbara Keaney (E-mail scieng@silcom.com or call 566-0598)

Elephant Bar Restaurant: 521 Firestone Road, off Hollister Ave - left on Lopez Rd., Goleta

Visit our web page at <http://www.scieng.org>

50 years! **From the Presidents:** We look forward to seeing you at the February meeting. Thanks again for your membership renewals and scholarship donations. If you have not as yet renewed your membership or made a donation to the scholarship fund, please consider doing so at this time. We look forward to seeing you March 8th to hear **John Vampola**, technology fellow at Raytheon Vision Systems, speak on **IR Technology**. **Tim Murphy and Gary Kravetz**

Please Note: Luncheon seating is limited and available on a first-come basis.

This meeting is partially sponsored by **Reiker, Pfau, Pyle and McRoy, Attorneys**