

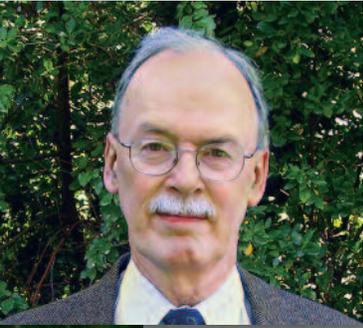


BERKELEY LAB FRIENDS OF SCIENCE PRESENTS

SCIENCE at the THEATER

MONDAY, NOVEMBER 12, 2007

THE HELIOS TALKS



CHRIS SOMERVILLE

UC Berkeley, Professor, Plant and Microbial Biology
LBNL, Scientist, Physical Biosciences Division
Balzan Medalist 2006, Plant Molecular Genetics
Energy Biosciences Institute, Director



Reducing Our Carbon Footprint: Converting Plants to Fuel

5:30 – 7:00 PM AT THE BERKELEY REPERTORY THEATRE
2025 ADDISON STREET, BERKELEY

Shrinking polar icecaps, rampaging firestorms, and monster hurricanes signal the need to end our dependence on petroleum and develop carbon-neutral and renewable sources of fuel to meet our transportation energy needs.

Chris Somerville is a strong public advocate of the potential of fuels derived from plant biomass. He is a leading authority on the structure and function of plant cell walls, which comprise most of the body mass of higher plants. He views the knowledge of cell wall structure and function as furthering the development of plants with improved usefulness: these plants are strong potential sources of renewable materials and biofuel feedstocks. His scientific expertise defines an ideal match of his interest — in the development of cellulosic and other solar-to-fuel science — with his recent appointment as Director of the Energy Biosciences Institute (EBI).

With colleagues in biology, physical sciences, engineering, and environmental and the social sciences, he now leads the EBI multidisciplinary teams' research efforts to develop next-generation, carbon-neutral transportation fuels.

Seating is available on a first-come, first-served basis.
Tickets are not needed.

FREE!

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www.lbl.gov/friendsofscience