



# science at the theater

LAWRENCE BERKELEY  
NATIONAL LABORATORY'S  
COMMUNITY LECTURE SERIES  
AT BERKELEY REP

free!

ALL LECTURES  
5:30 – 7:00 PM

Berkeley Repertory Theatre  
Roda Theater | 2015 Addison Street  
Berkeley, California

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Co-sponsored by the University of California at Berkeley,  
Chabot Space & Science Center, The Exploratorium,  
Lawrence Hall of Science, Osher Lifelong Learning  
Institute@Berkeley, and the Science Departments of  
Albany, Berkeley, and Oakland High Schools



## MARY ANN PIETTE

LBNL Scientist, Environmental Energy Technologies  
Division / Deputy Group Leader, Commercial Buildings  
Systems Group / Director, Demand Response  
Research Center

THE HELIOS TALKS 

MONDAY, MARCH 10, 2008  
5:30 – 7:00 PM

Berkeley Repertory Theatre | Roda Theatre | 2015 Addison Street

## Saving Power at Peak Hours

California needs new, responsive, demand-side energy technologies to ensure that periods of tight electricity supply on the grid don't turn into power outages. Led by Berkeley Lab's Mary Ann Piette, the California Energy Commission (through its Public Interest Energy Research Program) has established a Demand Response Research Center that addresses two motivations for adopting demand responsiveness: reducing average electricity prices and preventing future electricity crises.

The research seeks to understand factors that influence "what works" in Demand Response. Piette's team is investigating the two types of demand response — load response and price response — that may influence and reduce the use of peak electric power through automated controls, peak pricing, advanced communications, and other strategies. Would you be willing to consider one or some of these? Please join us to learn more about these developments. No reservations or tickets are required.

NEXT TALK: Monday, April 21, 2008

## Genes and the Microenvironment: The Two Faces of Breast Cancer



JOE GRAY



MINA  
BISSELL



MARY HELEN  
BARCELLOS-HOFF



DR. SUSAN LOVE,  
MODERATOR